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Decorating a year-round beach house
by Louise Berthold

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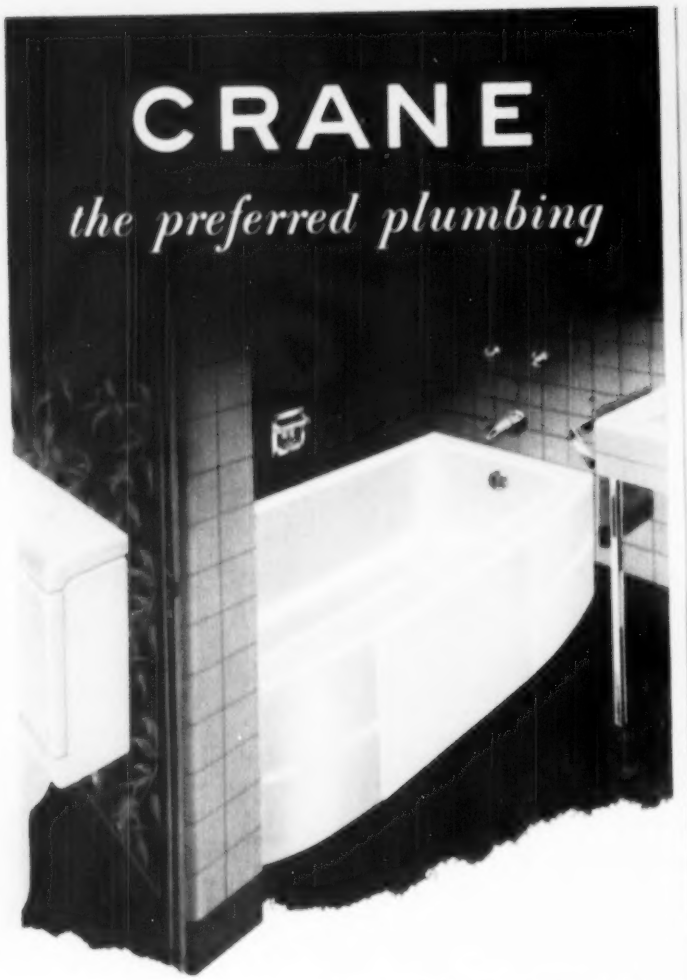

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▲ THIS lovely Lazy Susan (12" diameter) is made of hand-finished California Redwood, turns on ball bearings and has a felt base. The five ceramic dishes come in your choice of blue, Chinese green, gray, maroon or chartreuse. Wonderful for terrace and buffet suppers. Complete set, $6.95; Susan only, $3.25; postpaid and insured, from Dee's Redwood Products, 2199 Folsom St., San Francisco, California.

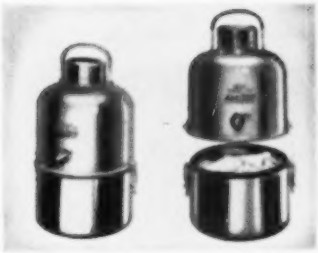
▲ HANDCRAFTED Mesa Moccasins from the Indian reservation country are made of glove-soft, suede-finish cowhide. They have durable leather soles and lifted inside heel-cushions. In natural, turquoise, maize, emerald green, red, navy or Indian white. Women's sizes 4 through 10, $4.95, men's through 12, $5.95; postpaid, from Old Pueblo Traders, Dept. LH, Box 4035, Tucson, Arizona.

▲ No power he'll try, but you can bet your Jr. won't succeed in upsetting this Hold-Tite baby dish. It clamps onto the high chair tray and stays put until you release the trigger-lock. Holder and boil-proof, plastic dish (pink, ivory or blue), $3.95, postpaid, from Walter Drake, Colorado Springs, Colorado.

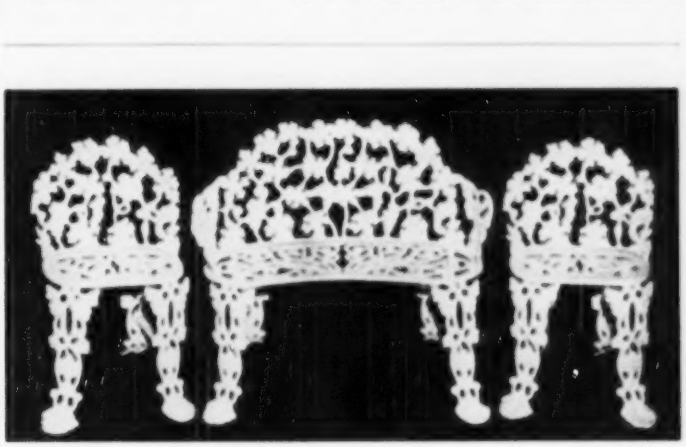
ON THE SHOPPING LIST

A SMART-looking electric house number like this one will do your home proud. It plugs in as a substitute for your porch light and makes the numbers easy to read from the street. One-piece, weatherproof aluminum box (black) with standard bulb. Specify number (2, 3 or 4 numerals can be used). $3.50, postpaid, from Sargent and Sowell, Inc., Box 1176, Grand Prairie, Texas.

THIS Portable Baby Bath is just the thing when you take your infant traveling, but we recommend it for Baby's daily bath at home, too. Made of sturdy Vinylite plastic, when deflated can be tucked away in your bureau drawer. Inflated size, 30" x 18" x 7½". $2.98, postpaid, from Novelty Mart, 59 E. 8th St., New York 3, New York.



FOR picnics and hunting or fishing trips—enough food for four people goes into this Little Brown Jug Kanteen. It keeps 16 cups of hot or cold drinks at serving temperature, has 2 drinking cups and room for 12 big sandwiches. Of metal; weighs 8 lbs. $9.95, postpaid, from Julia Caesar, 332 Ocean Park Ave., Bradley Beach, New Jersey.



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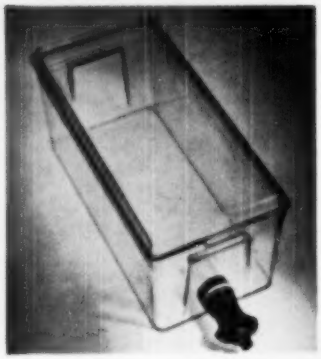
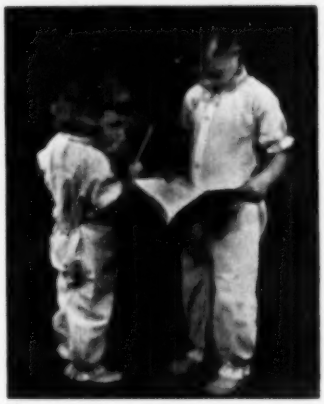


TINY tots get a kick out of wearing these Clown Pajamas, and mothers like them, too, because they save ironing. They're half blue, half pink in lightweight seersucker; with grippers down the front, a ribbon drawstring around the neck, and elastic in the ruffled sleeves, ankles and flap in back. Come in sizes 2, 4 and 6. $2.25 each pair, postpaid, from B. C. Moses, 4313 Austin Street, Houston 4, Texas.

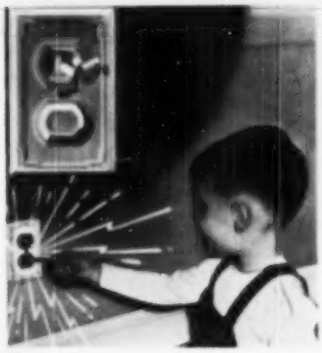
THIS Adapto Flower Arranger, suspended in a deep vase, supports a single stem or an entire bouquet, helps you arrange flowers like a professional. The rotating arms adjust it for use in vases from three to six inches across the top. About 2½" high, green-enameled metal. $1.25, postpaid, from Grenada, 18 E. 41st St., New York 17, New York.

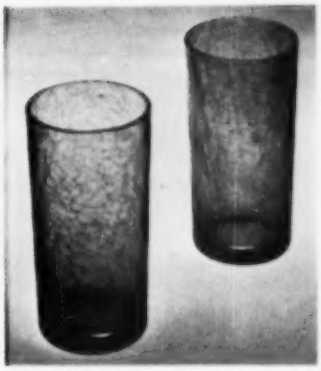
ICE water or soft drinks on tap—just press the button. This Tap-a-glass fits compactly into your refrigerator and holds over a gallon. A wonderful convenience for children who can't manage water bottles. In crystal-clear plastic (water level is always visible); size: 5" x 5" x 13½". $2.95, postpaid, from Joe Smith Sales Co., Joplin, Missouri.



IDEAL for a powder room or small hallway—this lovely chandelier has two rows of imported crystal prisms on daintily filigreed bands; socket for one light. 7½" long (without chain), 6" diameter. Choice of one-foot chain or close ceiling connection; silvery or natural brass for the metal parts. Wired and ready to be installed to standard ceiling outlet. $25, postpaid, from King's Antique Shop, Leaksville, N. C.

To PROTECT your children from shock—Saf-Gards, inserted in unused electrical outlets, keep youngsters from poking hairpins and other metal objects into the openings. The guards are made of sturdy plastic (ivory or brown) and designed so that adults can remove them with their fingernails. Package of 20, $1, postpaid, from Neville's, 131 High St., Burlington, New Jersey.





THIS lovely Crackled Glassware, so popular nowadays, is created by hand-blowing each glass, quick-dipping in cold water and reblowing in the original mold. The result is an unusual and durable glassware in sparkling colors—amber, blue, amethyst or green—or in clear glass. 5½"-high tumblers have sturdy bases. Set of 8, $6.95, postpaid, from Technical Glass Co., 2050 E. 48th St., Los Angeles, California.

CRACKERS, potato chips, cereals and other foods that tend to get soggy stay fresh and crisp in this Krispy Kan, because the Blue Magic crystals in the glass knob absorb all the moisture. An unusually attractive metal canister, 7½" deep, in maroon with a gay lithographed design. $1.95, postpaid, from Miles Kimball, 22 Bond St., Oshkosh, Wisconsin.

SMALL fry, as well as grown-ups, get the "green thumb fever," and little helpers need all the proper tools when they do their gardening. A midget shovel, rake, hoe, package of seeds, gloves and sunglasses come with this blue denim apron. About 14" long, ruffled for girls, tailored for boys. For ages 2-7. $1.95, postpaid, from Minas Bros., 2001 Main St., Santa Monica, California.

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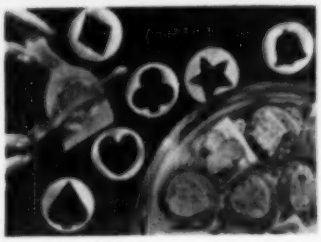
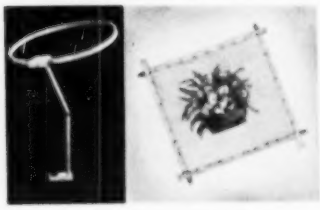


For a festive touch to party fare—six Par-T-Press molds fit into the plastic holder, and with a knife or spatula you can press icings or spreads through the molds to make novel canapes, cookies and cake decorations. $1 the set, postpaid, from Edith Good, Wilshire-LaBrea Sta., Los Angeles 36, California.

For washing, dusting and polishing—everything from furniture to Venetian blinds—this Wunder-Mitt protects your hands and nails while you work. It's made of washable cotton chenille with a soft, one-inch pile and will not scratch or shed lint. 89c each, $1.69 a pair; plus 10c delivery, from Mastercraft Products, 60 South St., Boston 11, Mass.



An adjustable stand slips under a chair leg and holds this Gibbs Quilting Hoop stationary at the base. The hoop moves about easily, so you have free use of both hands. Handy for repair work on linens as well as for quilting. Round style (23" diameter), $2.25; oval (18" x 27"), $2.50. The square needlework frame, $1, designed for work which can't be done in hoops, is adjustable up to 24" x 24". Both items available at stores, or postpaid, from Gibbs Mfg. Co., Dept. HS, Canton 2, Ohio.

For the Southern BOOKSHELF

AUDUBON'S BIRDS OF AMERICA, POPULAR EDITION

The Macmillan Company, $2.95.

JOHN JAMES AUDUBON was one of America's greatest naturalists as well as the greatest of all bird painters. His bird portraits have been published in a number of rather expensive volumes. Now the best of his paintings—288 pages of full color—have been published in a volume of handy size and popular price.

Ludlow Griscom, chairman of the board of the National Audubon Society, has written a biographical introduction to the volume, and a concise descriptive text accompanies each of the 288 color plates.

ALL THIS IS LOUISIANA

By Frances Parkinson Keyes, Harper and Brothers, $5.00.

IN Frances Parkinson Keyes' new book, "All This Is Louisiana," the reader will find that the Pelican State has many aspects which do not meet the visitor's eye and with which some of the natives themselves are none too familiar. As Mrs. Keyes points out in her prologue, "Louisiana has many lovers and all of them have sought to extol her. But, because her beauties are so manifold and her attributes so diversified, few have attempted to interpret comprehensively 'the infinite variety of her charm' . . . And so, inevitably, each fails to do Louisiana justice."

Mrs. Keyes came to Louisiana a number of years ago to gather background material for one of the best-selling novels which she turns out with such remarkable regularity. She has made her home there ever since—maybe because, as the natives say, she has drunk bayou water, or maybe because the state is such a gold mine of colorful source material for the novelist. Whatever her reasons, she has managed, throughout her years of residence, to retain some of the objectivity of the outsider, and this detached viewpoint has given her valuable perspective for her book.

In this volume, which the publishers refer to as a "story book," Mrs. Keyes makes no pretensions to comprehensive coverage of the agriculture, industry, tradition, architecture and tourist attractions of the area; she has simply selected outstanding examples of each and used them to create a sort of impressionistic word picture of the state.

More than half of the 317 pages are given over to photographic illustrations, most of them the highly perceptive work of Elmore Morgan, to whom Mrs. Keyes gives credit for many factual leads as well. The brevity of the text is achieved through the choice of subject matter rather than by condensation. Mrs. Keyes is not one to squeeze facts dry, and her fans will find this non-fiction work quite as readable as one of her novels.

JOHNNY TEXAS

By Carol Hoff, Wilcox and Follett Co., $2.75.

Boys and girls from eight years up will enjoy reading "Johnny Texas," a warm, human story of family life in the early days of the Lone Star State, and winner of the first Charles W. Follett Award for worthy contributions to children's literature. It even makes good reading for adults interested in nature lore and fast action.

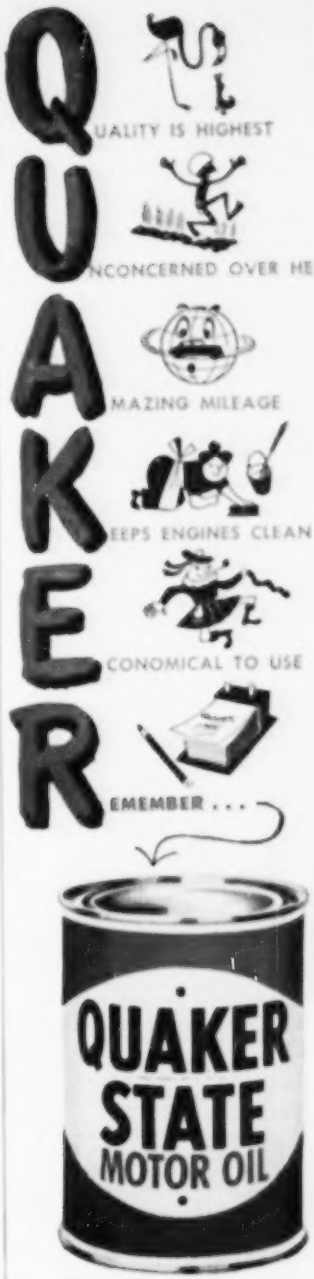
The author is a high-school teacher in Yorktown, Texas. She says that some of the incidents in the plot actually happened to members of her family, but the characters and main plot are purely imaginary. The historical background is authentic.

GOING STEADY

By Anne Emery, The Westminster Press, $2.50.

YOUNG girls, especially those thirteen to eighteen years of age, will enjoy reading this novel that treats the problem of "first love" with sympathy, the dignity that teenagers feel it deserves, a great deal of humor, and some unobtrusively sound advice.

Anne Emery is a very popular teen-age author. She has an uncanny way of writing in their vernacular about their very special problems. Her first novel, "Senior Year," as well as her short stories, has been very popular.



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HEALTH PROBLEMS of the School Child

By Frank Howard Richardson, M.D., F.A.C.P.

The School Child and Polio

WHAT'S new about polio, this year immediately following the worst epidemic of the disease the world has ever known? Not much, if we are asking for positive means of prevention or cure. But there's a great deal new, if we consider the mass of research being directed and financed by the National Foundation for Infantile Paralysis — research which will undoubtedly lead to the conquest of the disease within the next few years. This work is made possible by the generosity of the American people through the mass effort, "the March of Dimes."

Poliomyelitis was probably known to the Egyptians thousands of years ago, though the first scientific record of its occurrence dates back only to the late seventeen hundreds.

The first large-scale epidemic in the United States struck New York City and its environs in 1916 (the city had suffered a smaller visitation nine years previously). The unreasoning panic and wild hysteria that characterized that experience with polio has appeared pretty consistently every time an epidemic has reared its head, and whenever and wherever apprehensive parents have allowed the threat of an epidemic to get the better of their good sense and sound judgment. As a result, the emotional effects following in the wake of an epidemic may actually be as bad, if not worse, than the physical damage to the comparatively small number of children involved.

It would be futile, as well as quite unfair to the various localities where polio has appeared in epidemic form, to single out one place or year as the "worst." Any epidemic, whether it is considered a light one or a severe one, is a tragic one for the children struck down, and for their parents. It is a particular injustice to single out one locality or one state and refer to it as a "polio area," as is sometimes done. The fact that polio struck a given area last year or the year before is no indication that it will, or will not, strike again in the same place.

While doctors have always studied the disease wherever it has occurred, it is only comparatively recently that real research has been brought to bear upon the problem presented by polio. The first problem was to find a laboratory animal that could contract the disease. When Landsteiner first successfully inoculated monkeys in 1908, medical science made a great step forward in the experimental study of polio.

But monkeys are very expensive animals, and great numbers are required for the various tests that have to be made, if the cause and an effective means of prevention are ever to be found. So it was not until nine years later, after every other available animal had been tried and found impossible to inoculate, that Armstrong of the U. S. Public Health Service found that the so-called wild cotton rat of the South was susceptible to the disease and could be used in studying it.

The question of how polio is transmitted from one person to another has been a fascinating and puzzling study. It was in 1911 that a group of Swedish scientists found that polio could be transmitted in at least two ways—by infected material from the throat and by infected material from the intestinal canal. Not long after this, Flexner of the Rockefeller Institute established the highly important fact that a person could be perfectly well himself and yet be a carrier of polio to those with whom he came in contact. This showed that intimate contact was essential to the spread of polio—something that had long been suspected but never before definitely proved.

One of the comparatively early discoveries about polio was the fact that it is not a germ or bacteria-borne disease at all. Instead, it is caused by the growth of another form of disease-producing microscopic life, a virus. But this discovery was puzzling rather than clarifying until it was found, rather recently, that instead of one polio virus there are several.

What has made this such a puz-

(Continued on page 23)

About Our Operation

• Most women will have a new photograph made at the drop of a hint, but men in general, and horticulturists in particular, seem to face the camera as though it were a mortal enemy. A few years ago, when this column was in its infancy, it carried a personality sketch of our chief garden editor, Ben Arthur Davis. The sketch ran without a photograph because Mr. Davis' normally amiable face congeals into a forbidding mask when he confronts the camera.

This month we introduce two new members of our garden staff, Iva M. Johnson, editor for the Southwest, and Sam Caldwell, editor for the upper South. And again we have run into the masculine photo problem. Mr. Caldwell obligingly supplied a photo; the only trouble with it was that you couldn't see him for the amaryllis. He is a tall chap and, bent double over some of his prize blooms, his face was totally lost in shadow.

So you will have to take our word for his pleasant appearance, but you don't have to take anyone's word for his know-how; it speaks for itself. Several of his articles appeared in HOLLAND'S before he joined our staff, and he has contributed articles on gardening to a number of other publications as well. In 1947 he became editor of the bulletin of the American Iris Society, and upon the death of Tom Williams in November 1949 he took over the radio role of the Old Dirt Dobber on CBS's "Garden Gate" program. (HOLLAND'S, February 1950).

A native of Tennessee, a graduate of Vanderbilt University and a veteran of World War II, he now makes his home on the family farm just outside Nashville. Here he has 127 acres to garden and a wonderful stand of dogwood, redbud and fine old beech trees. His writing, radio program and lecturing keep him pretty busy, but he still finds time to make most of the excellent photographs which illustrate his articles, and even does his own dark-room work.

Mrs. Iva M. Johnson

• MRS. JOHNSON, the other new member of our garden staff, is ideally located in relation to the area which she serves. A resident of Abilene, Texas, she has a first-hand knowledge of the garden problems peculiar to the Southwest. She is a national flower show judge, an instructor of horticulture and flower show practice for garden club flower show schools, and a councilor of District Eight of the Garden Clubs of Texas.

She says she can hardly remember when she wasn't interested in gardening, and frankly admits that her own garden is something of a hodge-podge because it is hard for her to resist any plant that grows. If forced to name her favorites she probably would list roses, amaryllis and irises, but she loves them all. A firm believer that "we are what we eat," she also raises her own vegetables.

Women have their troubles

when the hot weather arrives

So it's a hot and humid day! So it's also a day when sanitary protection is needed! Lady, you should learn about *Tampax. For the lucky woman who discovers Tampax can sail through the month without ever a thought of belts and heavy pads—and everything that these accessories imply. Tampax is actually invisible when in use. More, *it cannot be felt* even in the slightest degree.

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Photo by John E. Thierman

Cane Ridge Meeting House

Paris, Kentucky

OLD Cane Ridge Meeting House, located near Paris, Kentucky, has been in continuous use since 1791. It was built during the days when Kentucky was frontier country and settlements were small and isolated.

Daniel Boone, First Citizen of Kentucky, called this section around Paris his favorite hunting ground. After one of his famous trips he went back to his Pennsylvania home and urged some of his friends to make the trip.

One of his neighbors, Robert W. Finley, was so impressed by Boone's tales that in 1784 he organized a hunting party and explored the region under Boone's guidance. He came home full of plans to move to the territory and establish a frontier settlement.

In 1789 Finley left Pennsylvania accompanied by a group of pioneers bound for Kentucky. They settled at Cane Ridge, built homes, and began to cultivate the land. They were soon joined by a large group of North Carolina settlers who had heard of Robert Finley and his activities as a preacher and a schoolmaster.

Late in that first year the people decided to build a church, a practice followed by most of the pioneers. They selected a site and marked the finest trees on the Ridge for building material. During the building period parties of men went into the woods to fell the trees, notching them on the spot. Sometimes it was necessary for them to climb the tallest trees to locate the church site and find their way back. Canebrakes in Kentucky in that era often grew to a height of ten feet.

Finley thought that the church should have a gallery similar to the ones back home. And so Cane Ridge Meeting House had a gallery, a most unusual one. It was entered from the outside by a ladder. The log structure had a rude pulpit and log benches set on smooth tree trunks. From the very beginning it was an active church with a large membership for that day and time.

Soon after the meeting house was finished, Robert Finley built a seminary which he called the Cane Ridge Log Cabin Seminary. It was located about a quarter of a mile from the church near a fine spring that is known today, fittingly enough, as Finley's Spring. The seminary was in session for five terms and the student body grew so rapidly that

there was talk of adding another building. During the fifth year, however, a bolt of lightning struck the building and the ensuing fire burned it to the ground. The seminary was never reopened, but the fragments of the old foundation can still be seen.

During Finley's ministry the Meeting House was Presbyterian. In 1796, depressed by the loss of the school and eager to pioneer another frontier, Finley left Cane Ridge for Ohio. The Reverend Robert W. Stone, a famous minister of the Christian Church, came from Virginia to take his place. The Meeting House was used, however, by all of the people of the area. A church document dated February 12, 1829, shows that the church was used by the Presbyterians and the members of the Christian Church, but it "was free for other societies to worship in when not occupied by these churches."

During 1829 the people of Cane Ridge decided that they should repair and remodel the church. The gallery was removed, the walls weather-boarded, a ceiling added, and new benches installed. Again in 1882 repairs were made. The interior was painted and comfortable pews were installed.

Not so many years ago the weather-boarding was removed and the old logs again exposed. The interior has also been restored to its former state.

To the east of the church is the churchyard in which are buried many of the pioneer citizens of the region, including the Reverend Mr. Stone.

Stone is remembered to this day for his part in the organization of the Great Revival. Late in the summer of 1801 between twenty and thirty thousand people (so the records say) came together at Cane Ridge Meeting House to hold a great union revival. Many of them lived near the Ridge, but some of them came from Ohio and a great many families traveled several hundred miles to attend the series of meetings. The roads were packed with carriages and wagons, and camp fires lighted the Ridge each evening as the folks gathered to worship and to visit. Temporary pulpits were built, and sometimes as many as seven ministers were preaching at the same time. More than three thousand conversions were recorded. It was many years before the attendance record for the Great Revival was surpassed.

Services are still held in Cane Ridge Meeting House, and visitors often stop by to see the log structure, built 159 years ago by men who were not afraid to cross frontiers.

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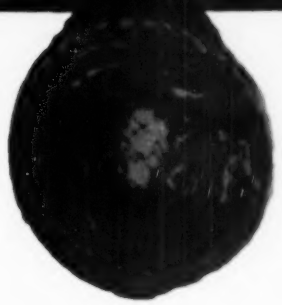
Year-Round Beach House

Hurricane House, designed and furnished to make the most of its island setting, is an attractive, comfortable "second home" for a family that loves the water



By LOUISE BERTHOLD

HURRICANE House, the year-round recreational home of the sports-loving Roy Kieslings of Houston, stands on ground only four feet above the Gulf of Mexico, in the bend of Turtle Cove, on colorful Mustang Island. Built on reclaimed land at the strategic point where the Corpus Christi, the Rockport, and the Aransas ship channels converge, it commands a magnificent view of the water on three sides. Mustang is one of the famous Texas coastal "treasure islands" where long-buried pirate loot is still eagerly sought by professional and amateur beachcombers.

This romantic background lends interest to even the humblest fishing shacks on the island. But it provides a particularly appropriate setting for the Kiesling home, with its wide picture windows which frame a sweeping expanse of blue water with a century-old, storm-battered lighthouse in the distance, and the ever-changing picture of giant oil tankers, pleasure craft and fishing boats crossing and recrossing the horizon. The Kieslings love the water and their kinship to it is reflected in the decoration of the house. The two eight-foot fireplaces in the upstairs and downstairs living rooms are built of shellstone

(Continued on page 15)

Above—In this corner of the downstairs living room, fish-net draperies, dyed brown, and colorful seine floats from Mrs. Kiesling's large collection are used in an interesting window treatment.

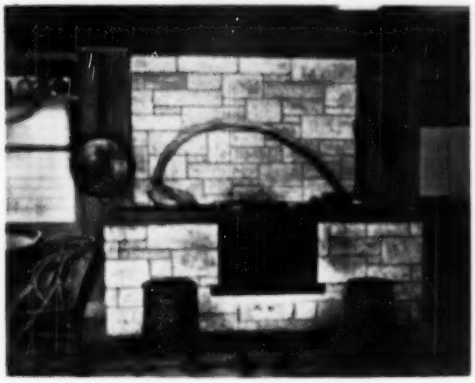
Safe upon the solid rock

the ugly houses stand:

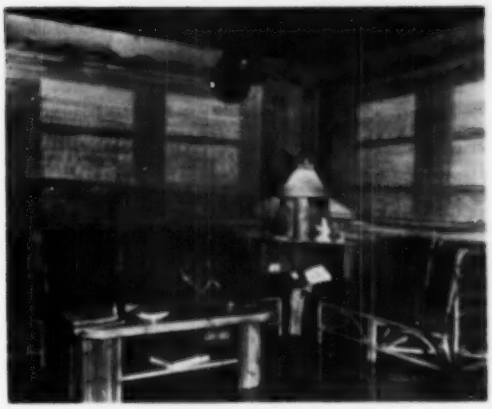
Come and see my shining palace

built upon the sand.

—Edna St. Vincent Millay

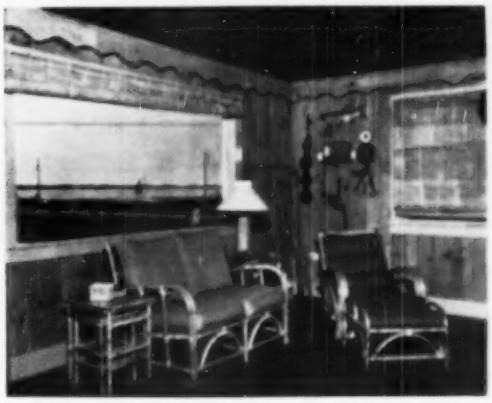


Above—Around the barbecue oven in the living room are other testimonials to the family's love of collecting—the whale bone above the fireplace, an old bellows and frying pan, and a piece of driftwood.



Above—The upstairs living room, like the one on the first floor, has attractive rattan furniture, split bamboo shades and pine-paneled walls. Large seine floats are suspended from the ceiling as ornaments.

Above—At the opposite end of the upstairs living room is this card table grouping where Mr. and Mrs. Kiesling can have a quiet game while young Roy and his teen-age friends hold forth in the room below.



Above—This restful spot, with its comfortable lounge chair and broad view of the water, is known to the family as "the husband's corner." Some of Mr. Kiesling's nautical instruments adorn the wall.

and Mrs. Kiesling's fascinating collections of seine floats, driftwood and white coral are displayed to advantage throughout the house.

While the land was being reclaimed, pilings were put down for a boat basin and a wharf, and a 30 x 30-foot boathouse was erected. When the workmen were ready to start on the residence, the Kieslings were faced with many physical problems which do not confront the average home builder. One was the savage hurricanes which sometimes lash the Gulf coast. To give the house firm sea legs that could withstand a hard blow, long telephone poles were sunk 12 feet in the ground and concealed cables were fastened to the roof to hold it down against roaring winds. The house was a simple two-story frame structure, with two bedrooms and a bath upstairs, and kitchen, extra bedroom and car port downstairs. For a number of years it served as a pleasant but somewhat crowded rendezvous for the Kieslings and their guests.

Last year the family decided to remodel, and today there are two large living rooms (the one downstairs doubles as a winter dining room during the hunting season); three family and guest bedrooms, the kitchen, breakfast nook, and a maid's room.

"We call Hurricane House 'the house that jack built,'" Mrs. Kiesling laughs, "not only because our builder was named Jack but because we spent twice as much as the nominal sum we had planned to put into the remodeling job.

"The purpose of the downstairs and upstairs living rooms is twofold," she continues. "We often have adult guests at the same time our son Roy is entertaining a group of his teen-age friends. With the two living rooms we can manage this nicely without getting in each others' hair. And then, too, despite the hex sign against hurricanes which I painted above the front door, the Gulf sometimes breaks its bounds and invades the downstairs to leave its water-marked calling card. So we keep our better furnishings in the upstairs rooms. During one hurricane the water was 27 inches deep, and wooden and plastic articles like salad bowls, my driftwood vases, and even plastic knives and forks, floundered around on the water like tipsy sailors."

Because of this periodic invasion of the Gulf, the Kieslings, when remodeling, were faced with another

(Continued on next page)

Even in the bedroom there is ample evidence of the family's love of the water. Here a gay fabric with a nautical design is used for the simple draperies and tailored box bedspreads. The solid color of the walls and dust ruffle provide suitable contrast.

Year-Round Beach House, *continued*

physical problem—devising a method of keeping the water from undermining the foundation of their fireplaces. They finally found it necessary to lay a wide concrete court around the foundation and on down to the water's edge. They jestingly refer to this concrete area as the "south 40," but since they use the court as a summer dining room, they get pleasure as well as protection from it.

From the moment you enter the door of Hurricane House you have the feeling that here is a spot that would warm the heart of any sea lover. Everywhere you look you see nautical objects—hurricane lamps, mounted fish, Naval clocks, an old French sea chest, an antique sextant, and porcelain sea birds. On one wall hangs a large varnished plaque displaying all the knots used by the U. S. Navy and Coast Guard; on others are framed seascapes and hunting scenes, most of them humorous, painted by Mrs. Kiesling. To give an even saltier atmosphere, she has also painted on the walls of some of the rooms such characters as sea horses, mermaids, crabs, sea shells and figures symbolic of early sea-faring men. Even the luncheon sets are made either of heavy net or of linen appliqued with ships or fish, and the draperies in the downstairs living room, which hang from Calcutta cane poles, are made from an old seine, dyed dark brown and fastened back with starfish. There are driftwood vases filled with sea oats, white coral ash trays, and, hanging from the ceilings or attractively displayed on glass window shelves, many of the seine floats (hollow glass balls which are fastened to the seine at intervals to keep it from sinking) from Mrs. Kiesling's extensive collection.

This collection, one of the very few of its kind, is worthy of a story in itself. Some years ago Mr. Kiesling, who had been fishing along the coast of Old Mexico, brought back to his wife an odd seine float that had been washed ashore on a sand dune. Fascinated by its translucent beauty, Mrs. Kiesling set out to find more, and since that time she has collected well over a hundred, many of which were washed up on the shores of Mustang, St. Joseph's, Padre and Harbor Islands. But the greater part of her collection, as well as the whale rib which is mounted above the barbecue oven, were obtained from an old Mustang Island beachcomber named Milt Coleman. Many of the floats are made of colored glass, but some of the older ones were originally white and have been burnished to a lovely, soft lavender by the coastal sun. Some of the floats are rather small; others are as large as sixteen inches in diameter. The rarer floats, many of which have foreign trade-marks, are often combined with pieces of driftwood and coral to form dramatic table ornaments.

A skillful blending of the old with the new adds to the charm of the furnishings at Hurricane House. This is evidenced in the kitchen where some fascinating old copper pots hang above a modern stove, refrigerator and home freezer. All the other rooms contain similarly interesting contrasts.

The downstairs living room and the kitchen have indirect ceiling lights, while the lights in the enormous ell-shaped upstairs living room, the showplace of the house, are concealed behind scalloped wall boards and cast pale yellow shadows on the stunning rattan furniture groupings. Mrs. Kiesling was thoroughly climate conscious in her choice of upholstery, for the soft old reds, the subdued greens and the foliage-figured gray and green combinations temper both summer's heat

(Continued on page 18)

Photos by the Shields

Left—At one end of the ample kitchen are a breakfast bar and booth which often see service at all three meals. The Pennsylvania Dutch designs, fishing photographs and fine old china tea service used in decorating this area are not commonly found together, but in this informal setting they are combined with altogether pleasing results.

Below—In the business end of the kitchen, Mrs. Kiesling has gone in for the mellowness of rubbed knotty-pine cabinets, complete with old-fashioned H hinges, and open shelves which display her china. But there is nothing old-fashioned about the large refrigerator, stove and freezer which simplify meal preparation for large parties.

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Year-Round Beach House

(Continued from page 16)

and winter's cold. Accenting the old-new theme, a beautiful mellow old maple desk, on which Mrs. Kiesling keeps her finest pieces of driftwood and an antique cork-base hurricane lamp with rope handle, stands just around the corner of an ell from a striking modern rattan chest. In one corner, dubbed "the husband's corner," an antique sextant is neighbor to a scientifically up-to-the-minute electric wind gauge, and two old Navy clocks and an old ship's compass elbow a very modern, motorized fish-line winder. The floor of this room is of solid birch and the walls are paneled in pine with a driftwood finish.

Mrs. Kiesling has a definite flair for blending colors and achieving interesting contrasts in decoration, but she is no less a perfectionist in providing for the comfort and convenience of her family and guests. According to young Roy, who likes to rough it, "The place is too civilized because Mother is a push-over for gadgets." Despite the fact that it is a second home, the ultra-modern equipment at Hurricane House would probably startle the ghosts of Jean Lafitte and his pirate band. To mention a few of these "gadgets," there is a central heating system (air conditioning is not necessary because of the cool sea breezes), a huge soft-drink box, every imaginable electrical appliance and, to facilitate the cleaning of fish, crabs and shrimp, an enameled sink and a cabinet have been installed on the wharf behind the icehouse.

This is a region of big fish and once a year a tarpon and sailfish rodeo, sponsored by the Boatmen's Association, is staged at Port Aransas. Much of the fishing is done by boat just off the man-made jetties, a few miles from Hurricane House. And during the hunting season boats are used to take the hunters to the duck blinds which stud the bay. The Kieslings have two boats, one a 32-foot open cockpit cruiser, the Ninon, named in the traditional manner of boat owners, after Mrs. Kiesling, and a small boat, called Junior, after young Roy.

Mustang Island has as many facets as a prism and at no time is this so evident as during the fishing and hunting seasons. There are wealthy sportsmen, retired army officers, transients and natives, all mingling with that camaraderie of those on pleasure bent. And the Kieslings, Ninon, Roy and young Roy, know and welcome to Hurricane House every one of them—from celebrities to native fishermen and hunting guides. And it is a house in which all of them find a common denominator—the love of the water.

Also Paths, a Lily Pool and a Sundial

A garden must have color,
Every rainbow hue,
With especial emphasis
On blue.

A garden must have perfume,
Carnation, violet,
Lavender . . . and always
Mignonette.

A garden must have music—
By red-berried hook-or-crook,
Birds allured to shrubbery;
Of course, a brook.

A gate to close the world out;
A hedge to shut love in;
Quietude for dreaming,
And dreams to spin.

But first—though mentioned lastly—
As none but will concur:
A garden's chiefest requisite,
A tireless gardener.

—Ethel Romig Fuller

Here are some practical suggestions for solving the suburban home owner's biggest problem—an adequate water supply and disposal system

Running Water for the Suburban Home

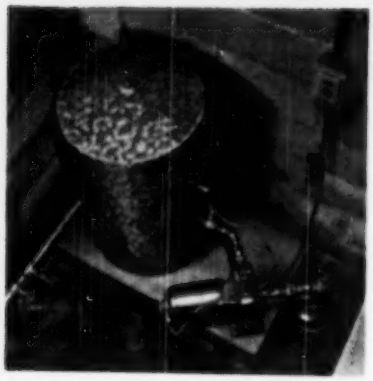
A LARGE percentage of the homes being built today are located in suburban areas, well away from the center of traffic-ridden cities. Many of these new homes are beyond the water mains and must rely on their own water supply and sewage disposal systems.

There was a time when this fact posed a difficult problem for suburban home owners, but today the home beyond the mains can enjoy the same comfort and convenience as the urban residence. Modern sewage disposal systems and plumbing equipment can be installed safely and economically where there is an adequate electric water system that has been properly installed. Modern systems feature pumps that start and stop automatically and are automatically oiled—even the proper air supply in the storage tank is controlled automatically. Silent operation is another feature of the newest electric pumps. Electricity provides satisfactory and dependable power to pump water, and the

(Continued on next page)

The pump for your electric water system can be installed in the kitchen, utility room or basement. The compact unit shown below (at left) is placed beneath a corner cabinet in the kitchen. At right below is the finished corner with pump completely concealed. A door permits inspection.

Photos and drawings courtesy Plumbing and Heating Industries Bureau



Above—The pump and tank for this electric water system are in a concrete-block pit a few feet from the house. The pit has ample room for servicing the pump. An electric pump of the proper size insures an adequate water supply for household and gardening use.

Running Water for the Suburban Home, *continued*

advance of rural electrification has brought it within reach of nearly every Southern community.

If you're planning to build in a suburban area, you'll want to determine how much water you will need, and decide what type of equipment will give you the best service, before you select an electric water system.

Several factors determine the capacity of the system—the amount of water in the well and the ability of the well to replace water rapidly; the power of the motor and capacity of the pump; and the size of the pressure tank, which is a part of every complete water system.

All this may sound a bit complicated if you are not familiar with water supply and sewage disposal systems, but any experienced water systems dealer will be able to advise you on your purchase and to provide an installation that will give many years of satisfactory service. Water systems, unlike radios and many other types of equipment, are not plug-in items and cannot be sold over the counter with any assurance of good service. Be sure to consult a competent dealer who will assume responsibility for the complete installation and can provide repair and replacement service.

Before choosing a pump, you need to know the demand of the entire system with all fixtures in simultaneous operation. It is safe to estimate the actual demand at 30 percent of the possible total demand. In other words, 30 percent of the total is the actual amount of water that the pump must be able to supply.

In a home with the following equipment, the demand is approximately:

Lavatory	3 gallons a minute
Bathtub	15 gallons a minute
Dishwasher	15 gallons a minute
Water closet	4 gallons a minute
Sink	10 gallons a minute
Laundry tub	25 gallons a minute
Shower	5 gallons a minute
Total:	77 gallons a minute

In this case, the total possible demand is 77 gallons a minute. Thirty percent of this amount is 23.1 gallons a minute, and a pump capable of delivering 24 gallons a minute should be used. (This does not include lawn sprinkling.) A general average for each member of the family is 50 gallons a day. This amount includes water for kitchen, laundry and bathroom purposes, but does not include yard fixtures.

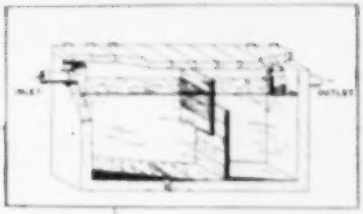
Yard fixtures will need daily water according to the following table:

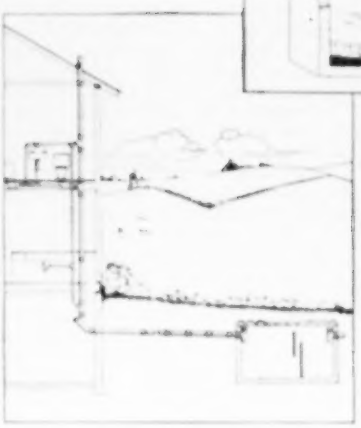
½-inch hose with nozzle	200 gallons an hour
¾-inch hose with nozzle	275 to 300 gallons an hour
Average lawn sprinkler	120 gallons an hour

The following equipment is required for the complete home water installation: the well, either shallow or deep; the water system, which is a complete packaged unit including motor, pump, tank and controls; the piping from the water system to the fixtures; and the sewage disposal equipment, which usually consists of a septic tank and disposal area.

In planning home water supply improvements, be sure to contact a local well driller, your local health department or some other agency that is qualified to advise you on the availability of water in your area. If you want to use a shallow well already on your land, there are three precautions you can take in order to prevent water pollution. First, build up the ground level around the well top so that the surface water will drain quickly away from the well, not toward it. Second, provide a watertight curbing of bell-end tile with sealed joints down to the water level. Third, make a waterproof top that will keep dirty water from trickling down into the well. Many inspectors will not even bother to test the water from your well if you don't have these ordinary safeguards. Unless you take such precautions, your well may be fairly pure today, and yet become polluted next week.

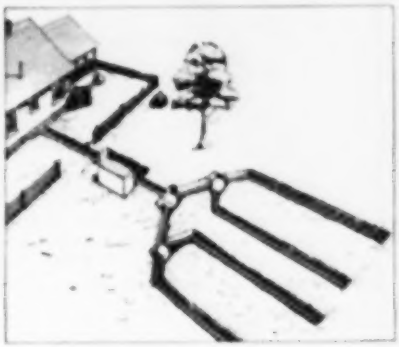
Deep wells, when properly curbed down through the shallow water sources, or steel-piped all the way down,





The drawing above shows a cross-section of a concrete septic tank for a home beyond the water mains. Tanks can also be made of steel, iron, tile or brick. The drawing at left shows the system of waste piping leading from the upstairs bathroom down through the kitchen and out into the septic tank.

Below—This view of a modern disposal system includes the septic tank, distribution boxes and disposal field. Solid wastes are decomposed in the septic tank and the liquid discharge from the tank flows into the soil through the disposal network.



are much safer sources of water supply. Dug wells, either shallow or deep, always require special attention at the surface.

In drilling a new well, locate it as near the house as possible, in order to avoid a long and expensive run of pipeline. And situate the well so it won't interfere with future plans for the development of your lawn and garden.

There are two kinds of pumps—one for shallow wells and one for deep wells. The shallow pump system is less expensive to buy and operate. It can be used for any well no deeper than 22 feet. Vertical distance is measured from the pump to the lowest level of the water supply. There are a variety of shallow and deep well outfits to meet the water requirements and the special conditions of different homes.

Then, there are two kinds of water storage systems—gravity and pressure. In the gravity type, water is pumped to an elevated tank, from which it flows without assistance. The pressure type has a small tank which is always partly full of water and partly full of compressed air. The air provides the pressure that forces water out of the faucets. Adequate pressure is always important—nobody likes to wait an hour for the bathtub to fill. But it's particularly important in the event you have an automatic dishwasher or automatic laundry equipment.

The pump can be located in the basement of the home or in a concrete-lined pit outside the house. Sometimes the units are installed in the kitchen or utility room and are concealed by built-in cabinets, which give additional counter-top working space. A small door is left to permit inspection of the pump, but major repairs should not be necessary if the installation has been made by an experienced water systems dealer. The best idea is to locate the pump where it is easy to reach and where it will be least in the way. Your dealer will follow your suggestions for installing it in the most satisfactory place so that its operation will not be impaired by household equipment or furnishings.

There are five main elements in a sewage disposal system: (1) the sewer line from house to septic tank; (2) the septic tank; (3) the sewer line from septic tank to distribution box; (4) the distribution box; and (5) the disposal field.

The house drain ends and the yard sewer begins about five feet outside the house. The yard sewer, which connects the house drain with the septic tank, is made of cast-iron soil pipe, clay or concrete sewer tile. Any part of the sewer that passes under a driveway, or any other place where it would be subject to mechanical damage, should be made of heavy cast-iron soil pipe. The sewer must be watertight to the septic tank.

The septic tank can be made of iron, steel, concrete, tile or brick. It is a closed, watertight chamber in which the sewage remains long enough for most of the solid matter to decompose or settle out. Wastes from the kitchen and bathroom pass through the house sewer into the septic tank. Then, anaerobic bacteria, which thrive where there is no free air or oxygen, decompose the sewage into liquids, gases, sludge and scum. The sludge settles to the bottom of the tank and the scum forms at the surface. The liquid discharge from the tank flows into the disposal lines. As a rule, septic tanks should be cleaned out once every two to four years, so that the accumulation of sludge and scum will not enter the drain field.

The septic tank should be large enough to hold all the sewage discharge for a 24-hour period. An adequate tank for the average family should have a capacity of 500 gallons or more. If you have a large family, the chart below will help you in selecting a septic tank:

RECOMMENDED TANK SIZES

Number in family	6	8	10	12
Tank in gallons	600	750	900	1,100
Width (in feet)	3	3½	3½	4
Length (in feet)	7	7½	8½	8½
Liquid depth (in feet)	4	4	4	4½
Total depth (in feet)	5	5	5	5½

(Continued on next page)

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Running Water for the Suburban Home

(Continued from page 21)

All of this equipment is merely a means to an end—modern plumbing and labor-saving equipment for your home. When water is piped into your kitchen, it will be a double convenience if the sink is located in the spot where the fewest number of steps are needed between sink, range and refrigerator. And, of course, be sure the plumber sets your sink at a comfortable working height.

In a two-story house, locate the bathroom above the kitchen, if possible, in order to save behind-the-wall piping—or locate it over the downstairs bathroom or powder room, if there is one. In a one-story house, it will cut down on piping costs if you locate the bathroom adjacent to the kitchen. And, in the one-story house with two bathrooms, give them adjoining positions wherever possible.

The three plumbing fixtures for the bathroom—bathtub, lavatory and water closet—require a minimum space of five feet square, but much more space is recommended if your family numbers more than two. If you have a young, growing family, you will probably want to plan on an extra bathroom.

Rely on a qualified master plumber to supervise the installation of all plumbing fixtures. This is no job for the handyman. Faulty plumbing installation can mean cross-connections in piping and the spread of waterborne disease—or, at best, inconvenience from lack of hot water and from irregular behavior of the entire water supply system.

"Now who wants a drink of water, before I start mopping the kitchen floor?"

Dr. Richardson

(Continued from page 8)

cling complication is the fact that infection of a patient by one of these makes him immune to further attacks by that virus, but does not protect him against the other types of polio virus. This accounts for the fact that, while one attack usually confers immunity, we do occasionally see a person who is suffering from a second case.

There is of course always the possibility that some drug may be discovered that will destroy the virus in the intestines and throat of the well carrier, as well as in the acutely ill. If this were to happen we might hope for the eventual eradication of the disease. But so far, this is pretty much wishful thinking.

More probable is the discovery of some sort of vaccination capable of immunizing the whole population. But first scientists must determine exactly how many types of the disease there are—whether there are only three or more than three. For in order to be effective against a disease, a vaccine must be specific for that disease. Obviously, a diphtheria vaccine does not protect against tetanus or typhoid. Similarly, a vaccine that protected against one type of polio probably would be quite ineffective against any other type. Research workers are now hard at work on this problem. And those best qualified to speak expect that it will be solved within the next two years.

In the meantime, we can and should continue to avoid the things we know predispose to contracting the disease. These are chilling, overexertion, and allowing children to come in close personal contact with others, especially in the face of an actual or impending epidemic. We should also bear in mind the importance of practicing the common rules of cleanliness such as washing the hands before meals and after going to the toilet. More important still, we, as parents, should determine that we will keep our heads and not become panicky in the face of an actual or threatened epidemic, for hysteria on the part of parents can result in emotional handicap to the child who is never touched by the disease itself.

If the brief sketch given here has aroused your interest in the study of poliomyelitis, you may find it worthwhile to read the absorbing story, told in much greater detail and with really dramatic force, in a little volume, Polio and Its Problems, by Roland H. Berg, published in 1948 by Lippincott.

1. What can a new baby do that a 6-month-old baby can't?

A newborn can grasp your finger strongly enough to support his weight—an older baby can't. But don't let proud Daddy wake him up to do it. Baby needs his sleep. And to help prevent skin irritations that disturb sleep, apply pure, soothing Johnson's Baby Oil, after his bath and at every diaper change.

2. Should a baby go without clothes in hot weather?

Many babies are dressed too warmly on hot days, doctors observe. A diaper and sleeveless shirt are often enough—and sometimes Baby feels less prickly without the shirt. For another routine that helps end chafes and prickles . . . give silky sprinklings of Johnson's Baby Powder after frequent cooling baths.

3. May older brother or sister play with the baby?

Let brothers and sisters "help take care" of the baby, say the psychologists. Jealousy is forgotten when children can stand by importantly, handing Mother the Johnson's Baby Oil or Powder, and watching for Baby's smile when he feels that satin smoothness on his tender skin.

Johnson & Johnson

Below — This Peruvian silver spoon with its odd, pointed handle is used by the women of the country as a turban pin.

Right—An Aztec sun calendar spoon with a gold-washed handle and pictorial bowl of colorful enamel.

This display case houses only part of Dr. Dannelly's collection of over 1,300 spoons.

By STUART COVINGTON

Spoon Struck

Cities all over the world are represented in this souvenir spoon collection, the fascinating hobby of an Alabama educator

Above—A bullfight depicted in colored enamel adorns the handle of this gold Mexican spoon.

Above—A highly prized collector's item is this spoon made in England in anticipation of the coronation of Edward VIII.

Photos by Marsh

SOONER or later, the collecting bug bites almost everyone, and, like many another collector, Dr. Clarence M. Dannelly, a Montgomery, Alabama, school official, was bitten when he least expected it.

On a visit to Indianapolis back in 1908 he wandered into a tiny curio shop in search of a gift to take home to his sweetheart (now his wife). The shiny handle of an elaborately engraved teaspoon caught his eye and he bought it without giving much thought to the matter. But jogging back to Montgomery in a railroad coach, Dannelly got out the little spoon and examined it more carefully. He became so fascinated by the intricate design that he decided to track down more of these odd spoons.

Today his collection includes more than 1,300 spoons from famous cities and remote villages all over the world. Among the hundreds of unusual items are an ornate iced tea spoon and a coffee spoon, each engraved with the insignia of the Nazi air force, which were part of Adolph Hitler's personal service. The spoons, confiscated from der Fuhrer's private railroad car, were presented to Dr. Dannelly by a high-ranking Army officer.

Dannelly limits his collecting to souvenir spoons. "I have to draw the line somewhere," he chuckles, "or the spoons would crowd me out of the house." Many of them he has bought, at varying prices, depending on their rarity; others have been given to him by friends acquainted with his hobby.

(Continued on page 27)

Below, left to right:

From Alaska, a silver totem-pole spoon.

From Germany, a Munich souvenir spoon showing the city hall, the Little Monk and a local theatre.

From Germany, a Bavarian spoon with an enamel portrait bowl.

From Italy, a Florentine spoon with mosaic forming a fleur-de-lis on the handle.

From Italy, another example of Florentine craftsmanship, this one in red enamel and gold with lily-of-the-valley handle.

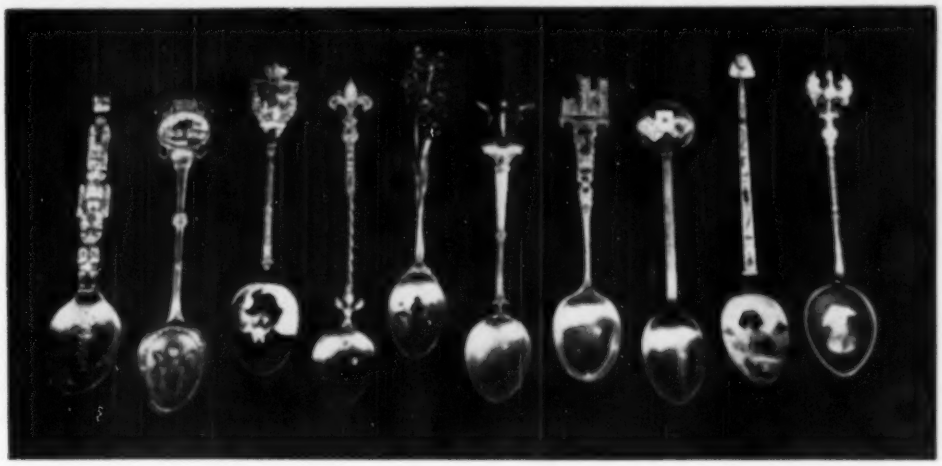
From Germany, another Munich spoon, featuring the Little Monk at the top of the handle.

From England, a spoon with the word "London" forming the handle and Westminster Abbey above.

From Monte Carlo, a spoon decorated with three enamel playing cards.

From Egypt, an enamel-bowl spoon showing the Sphynx and an obelisk.

From Germany, a spoon of purple enamel, with a twisted handle topped by a coat of arms.



Left—This spoon, a memento of World War II, came from Hitler's private dining car.

All the spoons in this group came from Europe, Asia or Africa and are displayed in a glass case which forms a coffee table.

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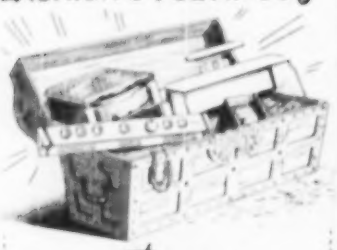

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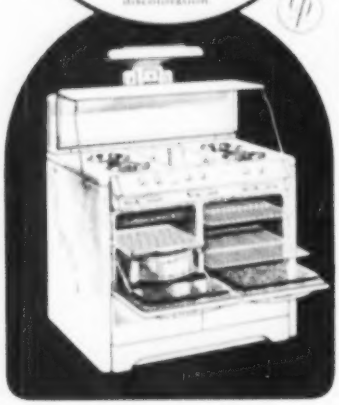

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Photo by Morley Baer

Doors, too, can frame a picture

PICTURE windows have become one of the most popular features of today's homes, both modern and traditional. They are particularly advantageous in the South, where our lawns and gardens retain their loveliness over a long season. Picture doors, though far less common, are equally effective, and in many instances they add immeasurably to the beauty and enjoyment of a house.

In the room above, for example, the location of the door leading to the garden makes a large window on that side of the room impractical, yet the garden is entirely too lovely to be lost from view.

The problem is solved by using a plate glass door in a simple wooden frame painted to match the wall. This not only permits an excellent view of the garden but also gives the impression of a much larger room.

The walls on either side of the door are covered by floor-to-ceiling draperies which can be drawn across the door to afford privacy at night or to shut out the garden in winter when it is not at its best. The use of a fabric with a foliage design carries out the garden theme, and the boldness of the pattern keeps the wall from being monotonous when the draperies are drawn. The figured fabric also offers an interesting contrast to the solid color of the ceiling and the other three walls.

By LOUISE PRICE BELL

(Continued from page 24)

Once Dannelly complained to a photographer friend in the nation's capital that Wales was not represented in his collection. A few weeks later he received a small parcel bearing a Washington, D. C., postmark. Inside was a handsome teaspoon, carefully hammered out by an early Welsh silversmith. Dannelly still can't imagine how his friend got hold of the gift.

Like Mrs. Murphy's chowder spoons are often created from anything at hand. Some in Dr. Dannelly's collection have been hewn from wood; others have been fashioned from copper, bronze, shell and enamel. The heads of several are formed from tiny coins. The handles of others are brilliantly studded with semi-precious stones.

Most of the educator's prizes are of 1885-1905 vintage, since that period was the hey-day of the souvenir spoon. After the turn of the century, commemorative spoons began to go the way of the cigar store Indian. However, a few items in Dannelly's collection were produced during the past decade.

One of these is a handsome teaspoon commemorating modern history's most fabulous upset — the never-solemnized coronation of Edward VIII. As soon as Edward relinquished the throne, the British government pounced upon all of these spoons, ordering them removed from the market, but not soon enough to prevent a few from trickling into the United States. Dannelly chanced upon one of them.

History links many of Dannelly's spoons from various lands. Dates firmly impressed on students of European history give a common significance to a teaspoon from Waterloo, embossed with the heads of Blucher and Wellington, and another bearing a silvery image of the Little Corporal.

One of Dannelly's finest spoons bears a painstakingly engraved lily of the valley on its handle, another depicts Mt. Vesuvius in eruption. Still another, from Mexico, portrays a bullfight in brilliantly colored enamel. A tiny but vicious machete forms the handle of a Cuban spoon.

From the head of a dark-skinned Peruvian peasant has come a combination spoon and hat pin. While the wearer is at work, the spoon serves to fasten her turban, but when mealtime arrives, it is plucked out and pressed into table service.

Most of the spoons in Dannelly's collection have been picked up in old silver shops, antique stores and pawn brokers' shops. He maintains constant contact with such firms in principal cities throughout the world.

Specializing in spoons has brought Dannelly many pleasant hours, but it has also given rise to an oft-repeated gag of which he has grown a little weary. The good professor would like to set the record straight, once and for all. He was not born with a silver spoon in his mouth.

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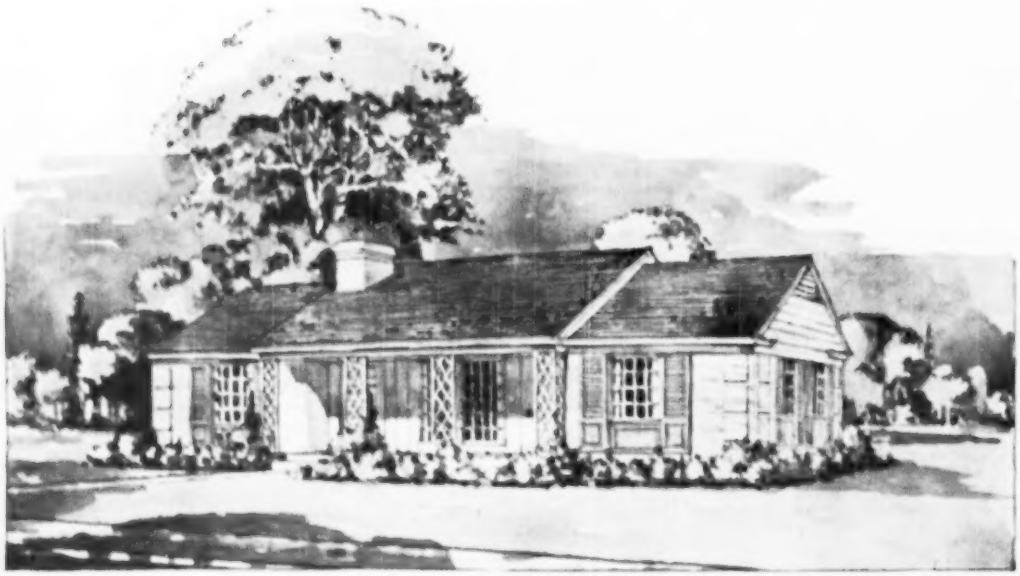

By C. O. Chromaster
A. I. A.

SOUND modern planning makes the interior of this two-bedroom home a model of comfort and convenience, while the Colonial influence lends an atmosphere of tradition to the exterior. Graceful ironwork ornaments the front porch. The center section of vertical wood siding offers interesting contrast to the two wings of brick veneer.

A glance at the floor plan shows that an excellent traffic pattern is perhaps the outstanding virtue of this house, which boasts many of the features that make for good living. From the foyer one can enter the living-dining area, or a hall leading to the bedrooms, bath, den and the kitchen and utility area. Nowhere must you go through one room to get to another.

Another excellent feature of the plan is its economy of construction. For one thing, kitchen, laundry and bath are close together and the hot water and house heater are in a central location, reducing the cost of plumbing installation.

The elimination of a partition between the living and dining areas creates a room ideal for entertaining. Three exposures in this room and a door to the den opposite the rear entrance provide excellent cross ventilation—a feature of especial importance in the South.

All rooms are of good size, have well-arranged storage facilities and provide ample wall space for good furniture arrangement. If yours is a three-bedroom family, or if you need a guest room, a closet and an adjoining lavatory make it possible to use the den as an additional bedroom.

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The blueprints and specifications of all HOLLAND'S house plans can be obtained at $15.00 each for one-story, and $25.00 each for all two-story houses. There is no extra charge for reversing plans, but alterations in the basic plan cannot be made without extra charge. Duplicate sets may be had for $5.00 additional—$3.50 for blueprints and $1.50 for specifications. Address order to:

Home-Building Editor

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SPECIFICATIONS

Foundation: Concrete footings, beam-and-pier type.

Walls: Wood framed, covered with wood sheathing, building paper, wood siding and brick veneer.

Roof: Wood shingles.

Windows: Wood double-hung (sash sizes).

Doors and Trim: Six-panel Colonial doors with narrow molded trim.

Floor Construction: Wood floor joists, subfloor, building paper, finished oak floor. Linoleum over pine floor in kitchen. Tile floor and base in bath.

Interior Walls: Wood frame with gypsum wallboard, taped and textured finish. Glazed tile wainscot in bath. Box to be beauty plan.

Cabinets: Wood, manufacturer job and built-ands.

Plumbing: Porcelain enamel fixtures of owner's selection.

Hardware: Owner's selection.

Heating: Forced-air furnace with duct distribution to all rooms.

Fireplace: Detailed to complement the house.

Wiring: To conform to National Board of Fire Underwriters Code. Lighting fixtures to be selected by owner.

Area of House: 1567 square feet

Area of Porches: 323 square feet

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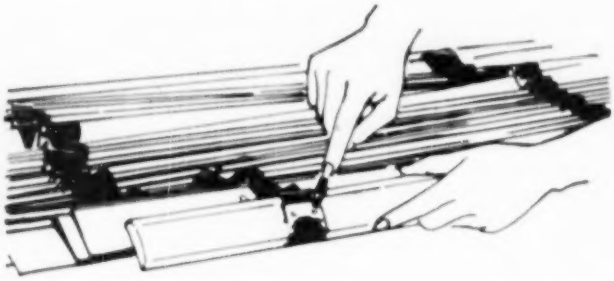
How To RENEW VENETIAN BLINDS

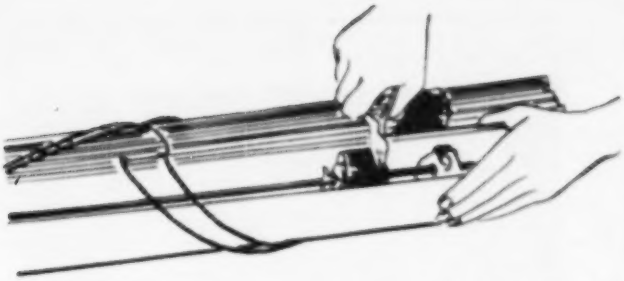
By Elsie Statler

YOU don't have to discard your wooden Venetian blinds just because they need refinishing or because you've changed the color scheme of the room. Refinishing them is not the complicated job it may look. The procedure varies slightly, according to the way the blind is constructed, but the important thing—regardless of the type of blinds you have—is to observe all of the parts, and the way they fit together, very carefully *before* you dismantle the blind. The steps illustrated below will help you make decrepit blinds look brand new.

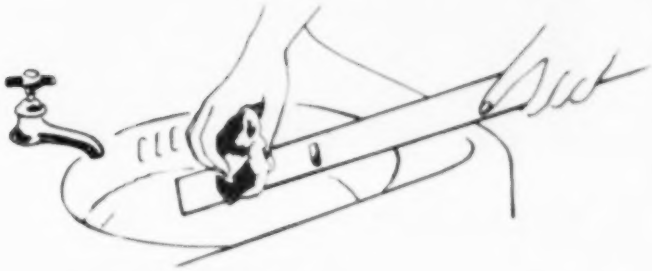


1. Remove valance. Tilt brackets forward and ease the blind out of position. (For some types of blinds it is necessary to untie knots beneath the bottom rail and remove pull cord first.) Place blind where you will have plenty of working space. Loosen tacks or staples that hold tape ends to the bottom rail.

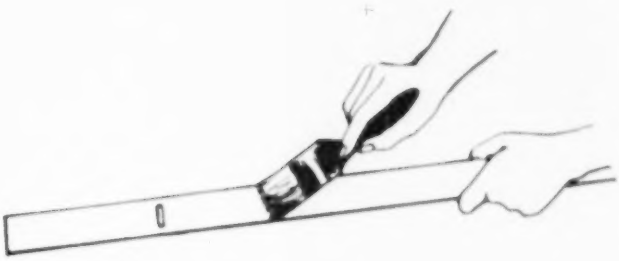
2. Untie knots that hold the connecting cords through the bottom rail. Then loosen the pull cord by drawing it tightly against the right side of its locking device. Ease cord out of slats and top rail.



3. Loosen and remove tilting cord from its pulley. For blinds like those illustrated, remove staples that hold top ends of the tapes to wooden rollers. For blinds of different construction, pry out tacks on top rail. Remove tapes, slats and rails.



4. Wash slats thoroughly in warm, soapy water. Rinse well and dry immediately. Wash tapes and cords; replace, dye or bleach those that are faded.



5. When slats are dry, sand them and apply semi-gloss enamel with a two-inch brush, using long, even strokes. Avoid dipping the brush too heavily in paint, and be careful not to leave excess paint around slots and edges. String up slats to dry; or, you can lay them xylophone-fashion across strips on a table if you place the strips exactly where the tapes will cover the slats. Wait twenty-four hours before applying the second coat of enamel. Remember to clean and paint valances, too.

6. When enamel is thoroughly dry, string slats through their loops onto the pull cord. Staple or tack ends of tapes and replace cords. Hang the blind and close it tightly with slats slanted upward. Tack tape ends to bottom rail and make sure the tilting cord completely closes the slats, both ways.

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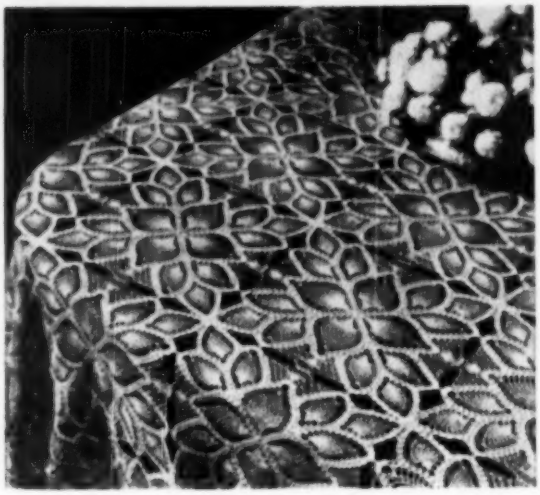
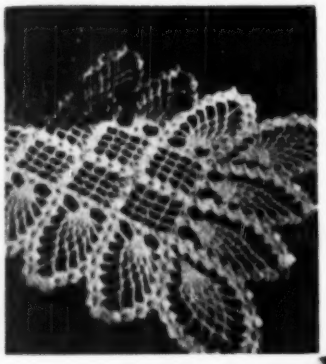
7431—This handsome cloth is simplicity itself to make. The 16-inch squares (of string) in the always-popular pineapple design can also be made into a striking bedspread or used individually as doilies.

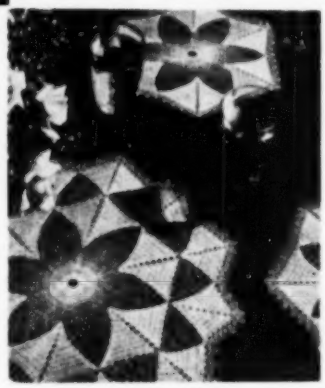


NEEDLETIPS for Your Table



816 (left)—You can make this table mat with either single-strand or—for a faster job—double-strand string. Complete directions are given for both. In a larger version, it makes a dainty runner to grace the center of your table. The interesting design borders a center of small open squares with large petal-shaped scallops.

7115 (right)—The unusual shape of this place mat will add interest to your table. This is a pattern for beginners—but the finished product is attractive enough to compete with the work of experts. It is easy to make because it is just chain loops and treble crochet. It is finished with dainty edging. The pattern includes directions for doilies of various sizes.



784—Crochet this beautiful medallion tablecloth as a fitting background for your finest china and silverware. The concise directions included in the pattern are simple and easy to memorize.

633—Just picture this lovely cloth on your table and you will want to start it right away. Crochet only one 7-inch square a day (using No. 30 cotton) and you will finish it in no time at all.

591—Place mats in dainty rose-pattern filet-crochet with a pineapple design edging will add charm to your luncheon table. Crochet them with fine or heavy cotton. Full directions included.

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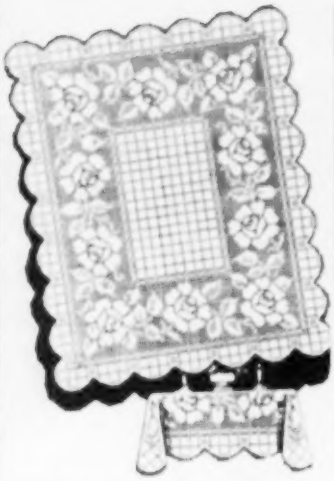

7271—You will treasure this lacy filet-crochet cloth with its rose-bordered design. It is beautiful enough to rate as a family heirloom. Pattern includes directions and charts for various sizes.

507—This is a particularly charming filet-crochet design that may be used with almost any type of furnishings. Table runners and place mats can be quickly made from the simple squares.

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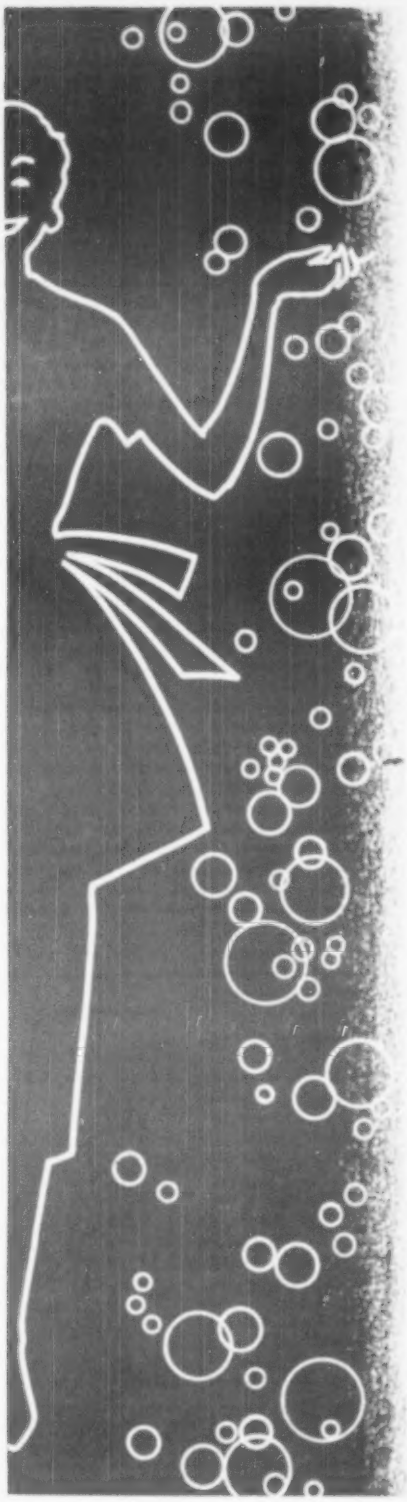

DETERGENTS

A new cleaning family lends the housewife a hand

By CHRISTINE PINES

WALK down the aisle of any super market, or scan the shelves in your corner grocery, and you can't miss the bright-colored boxes of soaps and cleansing agents of various kinds. Catch the words "soapless soap," "not a soap," or "entirely different" printed on the boxes, and the chances are you've spotted one of the new detergents.

Actually, detergents aren't a new cleaning family; they've been around for nearly twenty years. But their popularity and number have increased so rapidly in the last few years that it seems only natural to call them new. Unlike soap, which dates back to ancient Pompeii, the new detergents are test-tube children. They're made in an entirely different way from soaps and, in some cases, from entirely different ingredients.

There are four general types or groups of detergents on the market, each with its own personality. First, there are the straight synthetic detergents, like the straight neutral soaps, intended for fine fabrics, dishes and gentle cleaning. Nearly all of these cleaning agents form suds, and they come in dry or liquid form.

Like built soaps (neutral soaps with alkaline builders added), there are built synthetic detergents, intended for heavy duty or general purpose cleaning. Some form suds, some don't. The newest members of this group do not have to be followed by rinsing.

The alkaline cleaners, the third group of detergents, are designed to tackle walls, woodwork, tile, enamel and the dozens of other hard-to clean surfaces. Nearly all of these are non-sudsing and surfaces cleaned with them require no rinsing.

And last are the abrasive cleaners that do such a good scouring job on pots and pans.

One of the main advantages of synthetic detergents shows up in hard water, because these cleaning agents do not form an insoluble scum that's hard to rinse away. They discourage

(Continued on next page)

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(Continued from page 35)

the ring around the bathtub and leave fabrics bright, dishes and glassware shining.

If you're not accustomed to using detergents, or if you've been using them without satisfactory results, maybe you need to give a little thought to the best way to use them. It's an easy matter to pour too much detergent into your sink or washing machine. This not only wastes the detergent, but overcrowds the machine so there is not enough room left for good cleaning action. For centuries, housewives have been judging the amount of soap required by the amount of suds formed. That's still a good test with soap, but with synthetic detergents it's a good idea to use the amount recommended on the container, especially with the non-sudsing cleaners. If an amount is not suggested, it's up to you to experiment until you discover the best quantity to use. The temperature and hardness of the water and the amount of soil influence the decision. The sudsing detergents form suds in cool water, and in hot water they form more suds than an equal amount of soap. The cleaning action continues even after the suds have disappeared, so don't think you have to add more detergent just because the suds are gone.

Soap is hard to beat if you have soft water or use a non-automatic washing machine. But if you own an automatic washing machine or dishwasher, if you like to let your dishes dry without wiping, or if you live in a hard-water area—then you may want to give this new cleaning family a try.

Buy wisely. Read the labels and trust the manufacturer. Don't buy one detergent and expect it to do all the work. Remember there's a new detergent for silks, nylons and other fine fabrics, another for the heavy family wash and still another type for walls and woodwork. The container is your guide to what the detergent can be expected to do.

If you own an automatic washer or dishwasher, use the detergent recommended by the manufacturer of the machine, and follow the instructions on the package as to the amount. Remember that you can't depend on suds because there may not be any. Keep a spoon or a half-cup measure in the box of detergent so you won't go wrong in the measuring. If your clothes or dishes don't come out clean, increase the amount until you hit on the exact measurement, and then stick to it.

It is a mistake to mix soap with a synthetic detergent, because a mixture doesn't do anything for the soap or the detergent. In fact, if you live in a hard-water area and switch from soap to a synthetic detergent, it is a good idea to rinse clothes through the washing machine with only a water softener added, and then continue with the detergent.

Try the new no-rinse detergents if you find it a chore to rinse and re-rinse, to juggle tubs of rinsing water. You simply wash the clothes as usual and forget about the rinsing.

It's up to you to decide which soaps or detergents are best suited to your use. There's a large group to choose from, so experiment until you're satisfied. And for best results, always follow the directions on the package.

"I'm feeling much better, dear. I'll get dinner."

THIS for THAT

Icy Ride . . . . . Salads arrive at picnics properly chilled if they travel by double boiler. Put the chilled salad in the top compartment and fill the lower part with ice cubes.—Mrs. W. A. S.

Bruise Control . . . . When my young niece got her first pair of roller skates, she took many nasty tumbles and stayed bruised constantly. Her mother finally stepped in. She took a pair of the child's coveralls and padded them well (inside) at all the "bruise" spots. Dressed in these, the child soon learned to skate, with a minimum of bruises.—Miss S. C.

Brush-Off for Belts . . . . . To clean a belt which you hesitate to put in the washing machine, dip an old toothbrush in cleaning fluid or in a dry suds solution and brush lightly over the belt, being careful not to soak it.—Miss T. H.

Feather Siphon . . . Removing feathers from an old tick to a new one is a simple matter if you do it with your vacuum cleaner. First sew up the new tick, leaving an opening just large enough to fit over the hole where the vacuum bag is attached. Remove the bag and attach the new tick firmly in its place. Then insert the cleaner hose in the old tick and turn on the cleaner. The feathers will be siphoned into the new tick with no trouble, and will be much fluffier for this treatment. The idea is fine for pillows, feather beds, or down comforts.—Mrs. W. M.

Frog Foil . . . . . Instead of a flower frog, which does not hold gladioli, roses, or other long-stemmed flowers very securely, I use little balls of aluminum foil. Place them lightly between the stems and the flowers will stay exactly as you arrange them.—Mrs. S. P. V.

From Grannie, With Love . . . . . When I write a letter to my daughter, I always enclose something to delight my small grandchildren. It may be a pretty picture cut from an old Christmas or greeting card, a stick of chewing gum, or a story for little folks (Peter Painter is always a favorite) clipped from a magazine. This makes them feel that they, too, have a share in Grandmother's letters. —Mrs. G. P. L.

Early Thaw . . . . . Frozen meat will thaw out in practically no time if you will sprinkle over it the amount of salt needed for seasoning. This is especially helpful for ground meat that you wish to shape into patties or a meat loaf.—Mrs. F. B. L.

Contributions to this department are invited from all HOLLAND'S readers. For each original hint printed, a one-year subscription to HOLLAND'S will be given. A card will be sent to notify you in case of acceptance, but no manuscript will be acknowledged or returned. Address: This for That Department, HOLLAND'S, Dallas 2, Texas.

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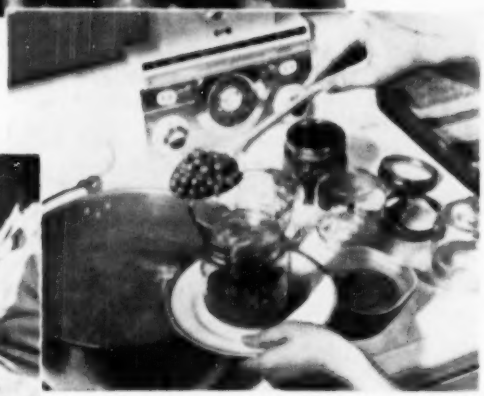
Putting the Pressure on the Canning Problem

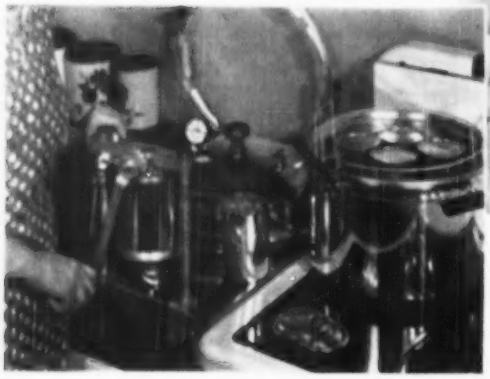
Carrots, beans, and other low-acid vegetables — long the major problem of the home canner — are easy to process by the pressure method



Precooking process should be carefully timed.

Leave one-inch space at top of each jar.

Jars must be placed so that they do not touch.



Be sure that your sealer is in perfect working order.

THE safe processing of non-acid and low-acid vegetables is perhaps the major problem facing the home canner. Authorities say that the only completely reliable method is to process these vegetables under pressure, as the temperatures obtained in open-kettle canning—unless the food is cooked for an excessively long time—are not high enough to destroy all of the spoilage organisms that may be present.

Time was when pressure canning was available to only small numbers of homemakers, as ownership of a pressure cooker was limited to those who canned on a grand scale. But now that a pressure saucepan is in nearly every home, safe canning of vegetables is possible for most of us. Present-day saucepans can do double duty—canning as well as cooking under pressure.

Maybe you raise your own vegetables and, using a large pressure cooker, make canning a major summer project. If you don't care to go into it on such a large scale, however, use your pressure saucepan to preserve a few pints of vegetables when you cannot resist a bargain at the farmers' market. The rules for pressure canning in the large cooker or in the several sizes of saucepans are the same, except that the saucepan requires a longer processing time because the pressure rises and falls faster. Refer to the chart at right for the different processing times, or follow the manufacturer's directions for your cooker. As a matter of fact, you will be wise

(Continued on next page)

PROCESSING TIME

VEGETABLE	LARGE CANNER			SAUCEPAN
	Pints	Quarts	No. 2 Cans	Pints
Asparagus	25 min.	45 min.	20 min.	45 min.
Beans, green lima	35 min.	60 min.	40 min.	55 min.
Beans, string	25 min.	30 min.	25 min.	40 min.
Beets	25 min.	50 min.	30 min.	45 min.
Carrots	25 min.	35 min.	25 min.	40 min.
Corn	55 min.	1 hr. 25 min.	60 min.	1 hr. 15 min.
Greens	45 min.	70 min.	60 min.	60 min.
Okra	25 min.	40 min.	25 min.	45 min.
Peas, green	40 min.	40 min.	30 min.	60 min.
Peas, blackeyed	35 min.	40 min.	30 min.	35 min.
Squash, summer	30 min.	50 min.	20 min.	50 min.
Vegetable soup mixture	Process time necessary for vegetable requiring longest time to process.			

PREPARATION OF VEGETABLES FOR CANNING

VEGETABLE	AMOUNT REQUIRED TO CAN 3 PINTS	YIELD FROM 1 BUSHEL	PRECOOKING TIME
Asparagus	4½-5 pounds	45 pounds 15-18 quarts	Precook 3 minutes
Beans, green lima	1½ gallons, in pods	28-32 pounds 6-8 quarts	Bring to boil, pack loosely
Beans, string	2½-3 pounds	30 pounds 17-22 quarts	Precook 5 minutes
Beets	3½-4½ pounds	52 pounds 20 quarts, sliced	Leave roots and stems long. Precook 15 minutes. Peel
Carrots	4 pounds	50 pounds 18-20 quarts	Precook 5 minutes
Corn	12-15 ears	35 pounds 8 quarts	Cut from cob whole kernel. Bring to boil. Pack loosely
Greens	3-4½ pounds	18 pounds 5-9 quarts	Steam long enough to wilt. Pack loosely
Okra	2½ pounds	26 pounds 17 quarts	Remove stems without cutting pods. Precook 1 minute
Peas, green	1½ gallons, in pods	30 pounds 14 pints	Bring to boil. Pack loosely
Peas, blackeyed	1½ gallons, in pods	30 pounds 6-8 quarts	Bring to rolling boil. Pack loosely
Squash, summer	3-4 pounds	40 pounds 16-18 quarts	Precook 3 minutes
Vegetable soup mixture	Depends upon vegetables used		Precook each vegetable separately. Mix, then pack

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Program Planning

A 15-page booklet of good, down-to-earth advice for Madame Program Chairman from Alberta Wilson Constant, prominent clubwoman and writer. In "Program Planning," she tells you how to choose your theme for the year, where to find reference material, and how to add variety to your programs. We believe this booklet will prove helpful to you in your club work. A copy is yours for only 15 cents.

Address order to:
Reader Service Editor

Holland's

Dallas 2, Texas

(Continued from page 39)

to follow explicitly the manufacturer's directions for the entire operation of your type of cooker. The directions we give you are general, and are useful guides to canning under pressure regardless of the type of equipment you are using.

DIRECTIONS FOR CANNING NON-ACID VEGETABLES

Assemble and check equipment the day prior to canning:

1. Get your pressure cooker ready before you make other plans. Clean petcock and safety-valve openings by drawing a string through them. Check pressure gauge to be sure it is accurate.
2. Assemble other equipment and materials.
3. If you use glass jars, check the jars and lids and discard those with defects. Wash jars in hot, soapy water; rinse. Heat the clean jars in clear water just before filling them. Heat the lids in the same way, except those with sealing compounds. There are several types of lids, so follow the manufacturer's directions for each type of closure. If you use a closure requiring rubber rings, use new rings each time.
4. If you use tin cans, see that the cans, lids and gaskets are in perfect condition. Wash cans, rinse, then drain upside down. Do not wash lids. If lids need cleaning, wipe with a damp cloth. Test your sealer to be sure it is in good working condition.
5. Determine load your cooker will take without jars touching each other or the cooker.

Prepare vegetables, precook them, fill containers with hot vegetables:

1. Prepare only enough vegetables at one time to make one processing load.
2. Use only perfect vegetables. Sort them for size and tenderness. Before peeling or cutting, wash them thoroughly in small amounts at a time.
3. Fill jars or cans with hot precooked foods. (See chart for cooking time.) Fill cans to top with vegetable and liquid, using sufficient liquid to completely cover the vegetable. Fill jars to within 1 inch of top, with liquid covering vegetable. Add ½ teaspoon salt to each pint before sealing.
4. After filling, work a knife down sides of containers to

work out air bubbles. Add more liquid if necessary to cover food.

5. Adjust lids at once according to manufacturer's directions. Before sealing, make sure no food remains on the sealing surfaces.

Using the pressure cooker:

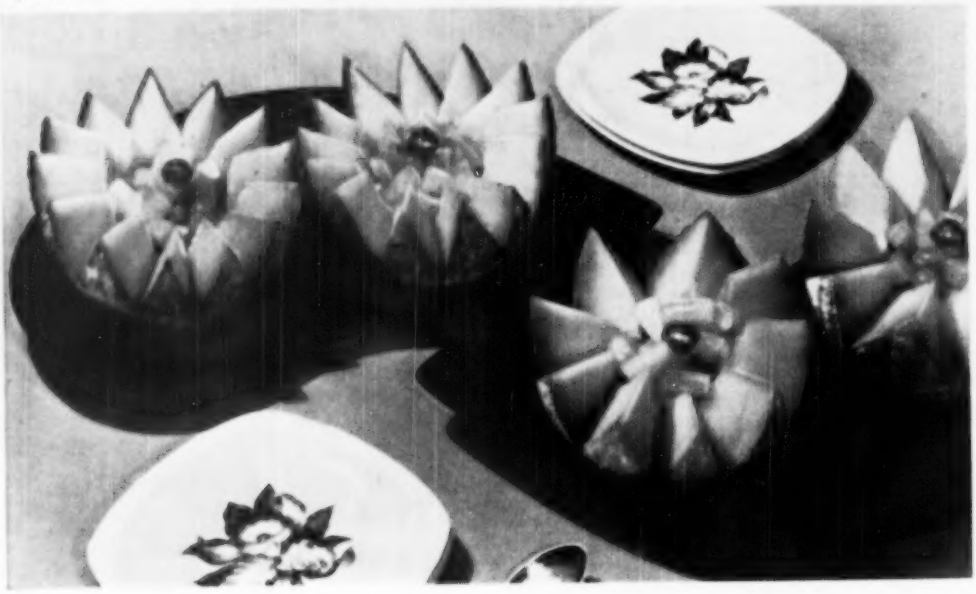
1. Have rack in cooker; add boiling water to 2- or 3-inch depth. Place jars or cans on rack, being careful that they do not touch each other or the cooker, as there must be free circulation of steam on all sides. The one exception is that tin cans may be staggered without a rack between layers. Sides should not touch, however.
2. Put cover on cooker. Let steam escape from petcock or gauge for 10 minutes. Close petcock or put weighted gauge in place. When pressure rises to 10 pounds, regulate the heat to maintain 10 pounds of pressure, then start counting processing time. (See chart for processing time of each vegetable.)
3. When processing time is up, remove cooker from heat and let pressure drop gradually. Do not bring pressure down with cold water.
4. When you are sure that pressure has fallen to zero, open the cooker and lift out jars or cans.
5. Complete the seal on jars if lids are not self-sealing. Place jars on rack or thick cloth to cool. Be sure that they are not in a draft. Plunge tin cans in cold water at once. While cans are still slightly warm, remove them from cold water. Leave space between jars or cans to aid in the cooling process.

The day following canning, test the seal on each container. If a container is not properly sealed, open and use the contents. Wipe jars clean and store in a well ventilated place.

Note: Remember that it is possible for canned non-acid foods to appear unspoiled, yet contain harmful toxins. Boil home-canned vegetables for 15 minutes before you taste them so that any toxins present will be destroyed.

You, too, can teach a Fresh Peach brand new tricks!

Delicious as it is served plain, a chilled, golden-ripe cantaloupe acquires fresh appeal when it is cut in an interesting shape. This sawtooth edge was made by cutting a zigzag line around the center before pulling the halves apart.



HOW TO

Select and Serve Melons

By CHRISTINE MILLAR

DO YOU want a sure—and inexpensive—way to add appeal to almost any summer meal? Then serve melons. They are now at the peak of their deliciousness and are plentiful and low in price. Best of all, these versatile melons are appropriate for morning, noon or evening meals—for appetizer, salad or dessert.

Because sweetness and flavor develop as a melon ripens, it is at its best when it is fully matured. Though there seems to be no foolproof method of selecting the perfectly ripe watermelon or cantaloupe, there are several surface indications of ripeness which are fairly reliable guides.

When you need only half a watermelon, selection is easy because you can see the degree of red-ripeness. When it comes to a whole melon, however, you are flying blind, although you are usually safe in selecting a melon which is firm and symmetrical and which has a yellowish-white lower side (where it rested on the ground). Immature melons have a greenish-white lower side, and overripe melons are dull in color and spongy. Avoid misshapen melons and those with dry, leathery spots.

Mature cantaloupes and honeydew melons will yield to pressure at the stem end. This is no final test, however, as immature fruit will eventually soften when it has been tested by many shoppers. Select cantaloupes with a coarse netting of grayish color. Definite yellowing indicates overripeness. Another indication of deterioration in these melons is the appearance of moisture at the stem end. Choose honeydew melons of light yellow coloring; a greenish color shows immaturity.

Thorough chilling enhances the flavor and texture of any melon. A warm watermelon must stay in the refrigerator overnight to become really cold, but it will take on a frosty chill on short notice in the home freezer. For even quicker cooling, cut the melon and cover the halves with aluminum foil or waxed paper. The same trick works with cantaloupes and honeydew. When balls or cubes are to be served, cut them from either a warm or chilled melon and store them in a covered jar in the refrigerator so they will be crunchy cold when you are ready for them.

Since melons are served so often during the short season they are available, it is a good idea to brush up on new and appetizing ways of preparing them. A chilled, mature melon—good as it is served plain—acquires fresh appeal when it is cut in interesting shapes. Try cutting a cantaloupe or small honeydew zigzag around the middle so that the edges of both halves are scalloped or have a sawtooth edge. It is easy to do. Make a line with pencil all around the

center of the melon. With a sharp knife, cut triangles up and down from the line, cutting all the way through and around the melon. Now pull the halves apart and remove the seeds. Attractive, isn't it? And doesn't it give you a dozen ideas for first courses and desserts? Serve it as is for a delectable breakfast fruit. Pile the cavities with chilled fruit cocktail for a luncheon first course. For a light and cooling finish to a meal, fill the centers with scoops of sherbet.

Melon balls scooped out of the shell with a ball cutter are attractive for cocktails, salads and desserts. Mixing two—or all three—varieties of melon will give you a particularly lovely effect. For a garden party, serve mixed melon balls from a scooped-out half of watermelon. Pile the melon shell high with these little globes of goodness and let it be the conversation piece of a self-service meal. Or try serving the balls arranged in tempting individual salads and cocktails. Provide a restful cocktail sauce when the balls are the first course, a lime-honey dressing for the salad course, and no dressing at all when they are to be dessert. If you serve honeydew melon balls or wedges as a breakfast fruit, intensify their delicate flavor with a sprinkling of lime juice.

Cantaloupes and honeydew melons are naturals for fruit rings. Pare them, then cut them into rings a fourth to half an inch thick. For salads, place the rings on crisp lettuce leaves and fill the centers with mixed fresh-fruit salad. Cube the unattractive end pieces of the melon and use them in the fruit salad. Concoct a party dessert by serving the rings on your prettiest crystal with lime sherbet filling the centers. Honeydew rings on dark green plates with pineapple or lime sherbet are lovely to look at and cooling to eat. To make a really fancy salad, make a melon snowball from a cantaloupe or small honeydew melon. Serve the snowball whole on a tray of greens for a buffet meal, to be sliced as served. For individual salads, cut into thick rings and serve on lettuce leaves.

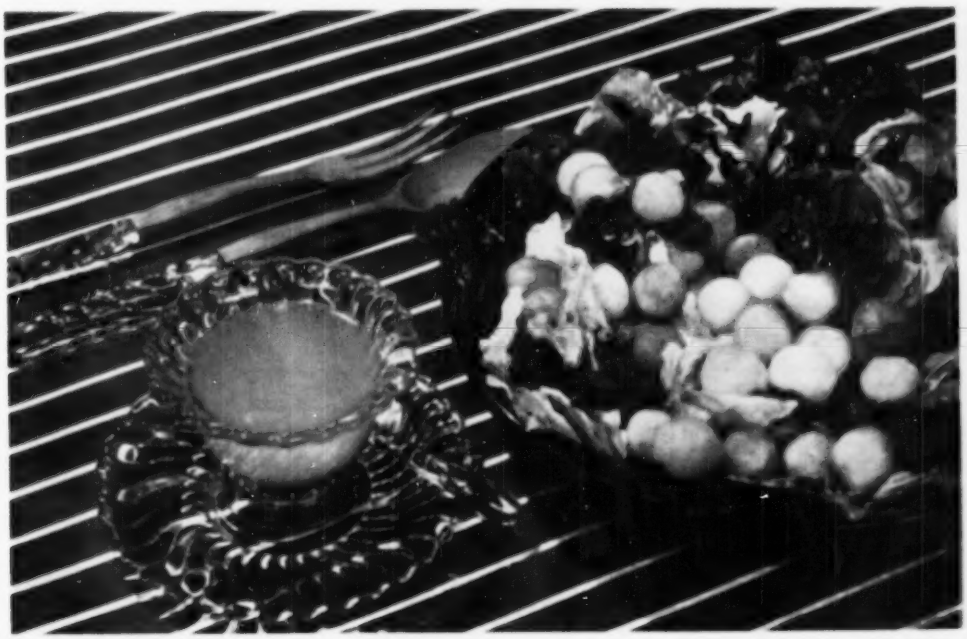
Cantaloupe and honeydew balls can be frozen in a medium syrup for out-of-season enjoyment.

MELON SNOWBALL SALAD

1 package lime gelatin
½ cup water
½ cup pineapple juice
Mayonnaise
1½ cups crushed pineapple, drained
2 8-ounce packages cream cheese

Heat water and pineapple juice to boiling, dissolve the gelatin in it. Chill until partially thick, then add the pineapple. Pare the melon, leaving it whole. Cut a piece from one end just deep enough to expose the cavity. Carefully remove the seeds with an iced tea spoon. Now slice off a little of the

(Continued on next page)



Melon balls scooped out of the shell with a ball cutter are attractive for cocktails, salads and desserts. A salad of mixed balls is especially delicious served with Lime-Honey Dressing. Decorate it with water cress and other salad greens.

Drifts of mocha frosting on luscious layers raised to airy perfection by the *dependable* double-action of Calumet Baking Powder. You'll never know how wonderful *your* cakes and biscuits can be till you learn to depend on Calumet.

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Use Calumet in your next cake—and in your biscuits—and you'll see right away why more women buy Calumet than any other baking powder.

MOCHA LAYER CAKE

Attention! This recipe was developed and tested exclusively for Calumet—the *dependable* baking powder. Always use Calumet for the best results.

Preparations. Have the shortening at room temperature. Line bottoms of pans with paper, grease. Use two round 8-inch pans, 1¼ inches deep. Start oven for moderate heat (375°F.). Sift flour once before measuring.

Ingredients:

- 1¾ cups sifted Swans Down Cake Flour
- 2¼ teaspoons Calumet Baking Powder
- ½ teaspoon salt
- 1 cup plus 2 tablespoons sugar
- ⅓ cup shortening
- * Milk (see below for amount)
- 1 teaspoon vanilla
- 2 eggs, unbeaten

*With butter, margarine, or lard, use ½ cup minus 1 tablespoon milk. With vegetable or any other shortening, use ½ cup milk.

Now the Mix-Easy Part! (Mix by hand or at a low speed of electric mixer. Count only actual beating time or beating strokes. Allow about 150 full strokes per minute. Scrape bowl and spoon often.)

1. Sift flour once, measure into sifter, and add baking powder, salt, and sugar. Set aside.

2. Place shortening in mixing bowl and stir just to soften. Sift in dry ingredients. Add milk and vanilla and mix until all flour is dampened. Then *beat 2 minutes*.

3. Add eggs and *beat 1 minute* longer.

Baking. Turn batter into pans. Bake in moderate oven (375°F.) 25 minutes, or until done.

Frosting. Spread Mocha Frosting between layers and on top and sides of cake.

Mocha Frosting

Sift together 2½ cups sifted confectioners' sugar, 3 tablespoons Baker's Breakfast Cocoa, and dash of salt. Cream 6 tablespoons butter; add part of sugar mixture gradually, blending after each addition until light and fluffy. Add remaining sugar, alternately with about 4 tablespoons cold coffee, until of right consistency to spread, beating well after each addition. Add ¼ teaspoon vanilla.

(All measurements are level.)

CALUMET BAKING POWDER

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(Continued from page 43)

opposite end—not to the cavity, just enough for the melon to stand steady on that end. Fill the cavity with the gelatin salad and place the melon in the refrigerator until gelatin is set very firm. Mash cream cheese and soften to spreading consistency with mayonnaise. Frost entire surface of melon with the cheese. Cut melon into rings and serve on a bed of crisp lettuce leaves.

LIME-HONEY DRESSING

- ¼ cup lime juice
- 3 tbsp. lemon juice
- 6 tbsp. honey
- ¼ cup salad oil
- ¼ tsp. salt

Combine all ingredients and beat until well blended. Chill thoroughly and serve as dressing for melon ball salad.

HONEYDEW MELON COCKTAIL SAUCE

- 1 cup sugar
- ¾ cup boiling water
- ⅓ cup orange juice
- 2 tbsp. lemon juice

Boil sugar and water together five minutes. Chill, then mix with fruit juices. Sprinkle over melon balls or wedges of honeydew for a first course.

MINT WATERMELON COCKTAIL

- 3 cups watermelon balls
- Juice of 2 limes
- 2 tbsp. fresh mint, chopped

Mix melon balls with mint and lime juice. Chill. Serve in sherbet glasses with a sprig of mint for a garnish.

MINT CANTALOUPE COCKTAIL

- 3 cups cantaloupe balls
- 2 dozen after-dinner mints

Break mints into small pieces. Mix with balls; chill. Serve garnished with fresh mint.

CANTALOUPE SUMMER SALAD

- 2 cups cantaloupe balls or cubes
- 1 cup diced apples
- 1 cup chopped fresh peaches
- Mayonnaise
- 1 cup chopped celery
- ¼ cup French dressing
- ½ cup chopped nuts

Mix melon, apples, peaches and celery. Marinate in French dressing for 30 minutes. Drain, add nuts; pile in lettuce cups and garnish with mayonnaise.

For an occasional out-of-season treat, select a few choice melons, cube and freeze in medium syrup. Use only cantaloupes or honeydew melons, as watermelons do not freeze successfully.

Long Life for Your Electric Mixer

YOUR electric mixer is the most versatile appliance in your kitchen. It relieves you of all of the hard work in mixing, beating, whipping, juicing and grinding and asks little in return except simple care. Each manufacturer knows his mixer best, so follow his suggestions on the proper use and care of your particular brand. The tips we give you are common to all makes and models, however, and will prolong the life of any mixer.

HOW TO USE

1. Find the screw under the turntable to raise and lower height. Adjust it so that the beaters barely touch the bottom of the bowl.
2. Learn the capacity of your mixer so that you will not overload it. When the motor gets hot, give it a rest before you continue using it.
3. Use a rubber scraper to scrape down the sides of the bowl while beating. Don't be tempted to use a spoon or knife; you know the danger to your beaters if you get a metal object caught in them.
4. Remove the beaters before moving the bowl to avoid dripping food on the turntable.

When mixing, clean sides of bowl frequently with rubber scraper.

HOW TO CLEAN

1. Let the beaters partially clean themselves by turning the motor to low speed and slowly lifting the blades from the batter. If the mixture is thick and clinging, remove it with a rubber scraper.
2. In washing mixer bowls, avoid sudden changes in temperature to prevent cracking.
3. Wash beaters carefully and dry them thoroughly.
4. Clean mixer and cord with a soapy cloth, then wipe them dry. Never put the turntable or motor in water.
5. To oil or not to oil depends on your make. Some mixers have sealed-in-oil motors and never need oiling. Even those which do need oiling occasionally may need only a drop or two, as oiling too much can be harmful. Refer to the manufacturer's directions to determine if, when and how much to oil.

Turn speed to low and slowly lift blades from batter to clean them.

Before storing, wipe mixer and cord with soapy cloth; wipe dry.

HOW TO STORE

1. Store upright in a readily accessible spot so that you will get maximum use of your mixer.
2. Leave the beaters in the bowls instead of inserting in mixer.
3. Don't wrap the cord around the mixer; lay it in the bowls.
4. Cover with a mixer cover to protect it from dust.

Do not wrap cord around mixer; coil it loosely inside the bowl.

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FOOD IDEAS from the EXPERTS

Pear Jam

3 lbs. or 4 cups pears
1 pkg. Pen-Jel*
6 cups sugar
Juice of 1 lemon

Wash and core ripe pears; cut in small pieces, crush, and add lemon juice. Measure into 6 or 8 cup preserving kettle or saucepan. Place the kettle containing the fruit on the fire, add the package of pectin, and stir while bringing to a good boil. Add the sugar which has been previously measured, stir well to dissolve it, and continue stirring while bringing to a hard boil; then start timing, and continue boiling for 2 minutes. Remove from fire, stir 4 or 5 minutes. This will cool the jam and keep the fruit from floating to the top of the jar. Skim, if desired, and pour into glasses or jars. Makes 10 medium glasses.

*Recipe courtesy Pen-Jel

Chicken-'n'-Noodles

1 pkg. Skinner's Pure Egg Noodles*
1 chicken, 3-4 lbs.
Butter or bacon fat
1 small bay leaf
1 small onion
Cloves
2 tbsp. butter
2 tbsp. flour
½ cup rich milk
2 egg yolks
Salt and pepper

Cut chicken in pieces, and brown in butter or bacon fat. When brown, add boiling water to cover. Add small bay leaf and a small onion stuck with cloves. Simmer until nearly done, add salt and pepper to taste, and cook slowly until tender. Cook noodles according to the directions on the package. Arrange noodles on serving platter, cover with chicken, and pour over all a gravy made as follows: Heat butter in frying pan, add flour, cook and add, stirring, the liquid in which the chicken was cooked. Stir until smooth. Add rich milk beaten with egg yolks, and bring again to boiling point. Serve at once.

*Recipe courtesy Skinner's

Cherry Jelly

3 cups juice
4 cups sugar
1 box Sure-Jell*

To prepare the juice, stem and crush thoroughly (do not pit) about 2½ pounds fully ripe sour cherries. Add ½ cup water; bring to a boil and simmer, covered, 10 minutes. Place in jelly cloth or bag and squeeze out juice. Measure into a large saucepan. Measure sugar and set aside. Place saucepan holding juice over high heat; add powdered fruit pectin and stir until mixture comes to a hard boil. At once stir in sugar. Bring to a full rolling boil and boil hard ½ minute, stirring constantly. Remove from heat, skim, pour quickly into glasses. Makes about 7 six-ounce glasses.

*Recipe courtesy Sure-Jell

Salmon Casserole

1 large can salmon
1 can condensed mushroom soup
1 onion, minced
1 green pepper, minced
1 tbsp. butter
½ tsp. salt, pepper
Half a loaf of dry bread broken in small pieces
Milk to moisten, about ½ cup
2 tbsp. A.1. Sauce*
½ cup cracker meal

Saute minced pepper and onion in butter until soft. Mix broken bread, mushroom soup, salmon, sauted pepper and onion and A.1. Sauce. Add milk enough to make soft. Cover with cracker meal that has been browned in butter. Dot with butter. Bake in 400 degree F. oven for about 25 minutes.

*Recipe courtesy A.1. Sauce

Ice Cream Meringue Cake

1¼ cups sifted cake flour
1½ tsp. Calumet Baking Powder*
⅛ tsp. salt
4 tbsp. butter or other shortening
½ cup sugar
2 egg yolks, unbeaten
7 tbsp. milk
½ tsp. vanilla
2 egg whites
½ cup sugar

Sift flour once, measure, add baking powder and salt, and sift together three times. Cream butter thoroughly, add sugar gradually, and cream together until light and fluffy. Add egg yolks, one at a time, beating thoroughly after each. Add flour, alternately with milk, a small amount at a time, beating after each addition until smooth. Add flavoring. Pour into greased pan, 9x9x2 inches. Beat egg whites until foamy throughout, add sugar gradually, 2 tablespoons at a time, beating after each addition until sugar is thoroughly blended. Then continue beating until mixture will stand in peaks. Spread over cake batter. Bake in moderate oven, 350 degrees F., 45 to 50 minutes. Let stand about 10 minutes to cool; then remove carefully from pan. Cut in 3-inch squares; top each with a small ball of ice cream or with crushed fruit, or serve to accompany ice cream.

*Recipe courtesy Calumet Baking Powder.

Watermelon Rind Preserves

WATERMELON rind preserves add a gourmet touch to a family meal as well as to a party menu. Their translucent beauty and delicately spicy flavor can make an ordinary supper a special event. Several pints on the pantry shelf will be a help indeed for the homemaker who has frequent unexpected guests or who likes to serve out-of-the-ordinary foods.

When you make watermelon rind preserves—no matter whether you decide on four or twenty pints—be sure to reserve two pints for November cake-baking. They will make a wonderful addition to that favorite dark, moist fruitcake. (We'll have a dark fruitcake recipe for you in November.)

No two watermelons ever yield the same weight of rind, it seems, so this recipe purposely evades giving an exact measure of rind. Just use the rind from a medium-sized melon and you will have approximately nine pints of preserves.

Rind of 1 medium-sized watermelon
1 gallon cold water
1 tbsp. powdered alum
6 cups vinegar
2 cups hot water
10 cups sugar
6 whole sticks cinnamon
2 tbsp. whole cloves
1 tbsp. mace
3 lemons, sliced

Pare the green and pink from the watermelon rind, leaving only the white portion. Cut in desired shapes. Mix alum with water; soak rind in alum water overnight. Pour off alum water, rinse rind and cover with cold water. Bring to boil and cook until rind is tender, 5 to 10 minutes. Drain off water and rinse rind again in cold water. Mix sugar with vinegar and hot water; drop in the spices tied in a bag, add lemon slices and bring the whole to a boil. Now add the drained rind and cook until it is translucent and the syrup is very thick. Pack in hot, sterilized jars, fill with syrup and seal at once.

J. M. Lawrence, 307 Pecan St., Sweetwater, Texas, who has been handling Skinner's Macaroni for 17 years, says:

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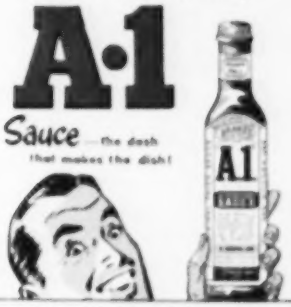
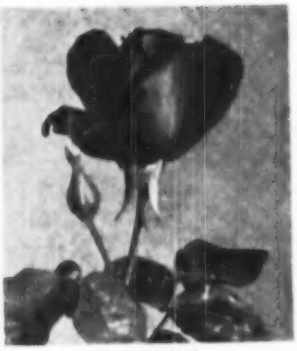


Ask for A.1. when dining out, too.

the top 10



NOCTURNE

KATHERINE T. MARSHALL

PEACE

MIRANDY

SAN FERNANDO

FORTY-NINER

Of the 36 roses which won All-America Selections honors in the years 1940 through 1949, ten have been chosen by the National Rose Jury as the cream of the rose crop

By BEN ARTHUR DAVIS

THIS year, the National Rose Jury has cited the ten finest roses of the world's gardens for top honors, instead of making an All-America Selection Award for 1951. The ten were chosen from the 36 varieties which had won the coveted All-America Award between the years 1940, when the first award was made, and 1949. The All-America winners for 1950 were not considered in this competition because of their very recent introduction.

This is the first time since the plan was instituted that the organization has failed to make an annual award. Several of the roses entered in the trials for 1951 made relatively high scores, but none quite came up to the high standard already set, or possessed the combination of qualities necessary to convince the jury that an award was warranted.

The trials are conducted in nineteen official test gardens located in different sections of the country, as well as in six demonstration gardens. Impartial experts check each plant for a period of two years, scoring it on such points as hardiness, fragrance, length of flowering season, profusion of bloom, resistance to disease, and other vital characteristics. After the final checks are made the reports are submitted to the National Rose Jury which selects the final winners and makes the awards.

(Continued on next page)

RUBAIYAT

TAFFETA

CHARLOTTE ARMSTRONG

LOWELL THOMAS

The purpose of the All-America competition, which was inaugurated in 1939 (the first award was made in 1940), is twofold. First it seeks to raise the standard of roses generally; and second, it aids the public in selecting the best of the varieties introduced each year. It assures the purchaser that the varieties which have received the awards possess unusual merit and have proved themselves under varying conditions of soil and climate.

In the absence of a winner for 1951, the jury made a survey of all winners named since the system was inaugurated and selected the ten outstanding ones. In view of the almost perfect score required to win one of the yearly awards, the selection of the ten "best" was no easy task. All rose enthusiasts will no doubt agree, however, that the ten selected are worthy of any honor that could be given them. Here they are:

Charlotte Armstrong,

winner of the award in 1941, is the oldest of the ten. It is an all-climate rose with rich, cerise blooms about four inches across. It retains its color until the petals drop. This is an exceptionally vigorous rose, with heavy, leathery, deep-green leaves. It is especially resistant to mildew.

Forty-Niner,

which received the award in 1949, was named in honor of the 100th anniversary of the California gold rush. Many consider it the loveliest of all bi-colored roses. The petals are rich chrome yellow on the outside and on the inside are a brilliant Chinese red, which deepens to cherry as the flowers fade. The blooms hold their brilliant color until the petals fall.

Katherine T. Marshall,

named for the wife of General George C. Marshall, is an outstanding pink rose. The long-pointed buds are a deep, coral-pink suffused with gold. The blooms are full, held upright, and sometimes measure five inches across. It received the All-America Selections award in 1944.

Lowell Thomas

was also a winner in 1944. It is a rich, golden yellow that thrives under ordinary garden conditions. The long, tightly furled buds open into large, graceful flowers of exquisite form. The buds are borne on exceptionally long stems. This is considered one of the finest of the golden yellow roses.

Mirandy

took its honors in 1945. Unlike most fine roses, it is at its best in the warmer climates and during the warm months, when it yields a profusion of large, full blooms. The long buds are a deep red with blackish shadings and the open flower is a chrysanthemum red. It is perhaps the most fragrant of the ten.

Nocturne

was given the award in 1948. It has become one of the most popular of the deep red roses. Its buds are long, slender and beautifully formed. The open flower is a bright cardinal red with darker shadings of crimson.

Peace,

which received the award in 1946, is perhaps the world's most popular rose. Its exceptionally large, double blooms pass through a wide range of colors, showing tints of yellow, gold, cream and ivory, with a flush of pink edging on the ruffled petals. It is a sturdy grower, with handsome, shiny, dark-green foliage.

Rubaiyat

created quite a sensation in 1947 when it received All-America honors, and is today one of the most popular roses grown. The plants are vigorous and appear much less susceptible to disease than most roses. The buds are long and graceful with a lovely pink-crimson outer coloring. The blooms open slowly into large, crimson flowers with an old-rose fragrance. The stems are long and sturdy.

San Fernando,

a 1948 winner, is a striking red. The long, beautifully formed buds open into exciting blooms of an intense currant-red shade. The color lasts well and does not blue with age as do so many of the reds. The fragrance is tea-scented and quite pleasant.

Taffeta

is another 1948 winner. It is a rich carmine in the bud stage, but opens to a lovely combination of rose-pink, salmon and apricot. The flowers are semi-double, having about twenty petals. Taffeta is vigorous and grows into a large plant with good, dark foliage.

The failure of the jury to make an award for 1951 means that the four queens of 1950 will reign for another season. These four roses, Fashion, Mission Bells, Capistrano and Sutter's Gold, are all quite popular and most rose lovers will be glad to see them retain their crowns for another year.

Although no proof is needed, the failure of the National Rose Jury to make a selection for 1951 establishes beyond question the impartial manner in which the awards are made, and the commendable determination of the jury not to make an award unless it is fully merited. When this group does make an award, rose enthusiasts the world over can rest assured the plant deserves the honor.

GARDEN SUGGESTIONS

FOR THE SOUTHEAST

IN order to have fresh flowers for late summer and fall, make additional plantings of summer annuals this month. If the seedlings will get a little shade, you can plant them where they are to grow; otherwise, plant in protected seed beds and transplant later. Let your planting include balsam, cosmos, marigolds, portulaca, torenia and zinnias.

THIS is a good time to give the water lilies a little food. Wet the plant food, roll into pills and push into the soil after they have dried. Or, you can wrap the food in small pieces of cloth—a tablespoonful to the serving—and push it down into the soil. These methods of feeding get the food down near the roots of the plants and result in the least pollution of the water. If you didn't repot the plants in the spring, summer feeding is doubly important.

THERE are several all-purpose insecticides, many in dust form, at the seed stores now. Most of these insecticides are thoroughly dependable and will keep your plants free of nearly all diseases and of all insects (except, possibly, white flies and scale).

MILDEW, which attacks so many crape myrtles at this season, causes the leaves to curl and stunts growth. It can be controlled with dusting sulphur or Bordeaux mixture. Watch the plants closely and use the fungicide at the first sign of trouble.

CUTWORMS, slugs and sow bugs often cause lots of trouble in summer, especially in beds of young plants. Your seed store should have several reliable remedies that are easier to handle and fully as effective as homemade mixtures. You can catch many of these night prowlers by laying a few pieces of board about the flower beds. By midmorning or earlier, you'll find the bugs peacefully slumbering under the boards.

YELLOWING of St. Augustine and centipede grasses is sometimes caused from lack of iron. The trouble can usually be corrected by sprinkling the yellowed area with a solution of copperas, using a tablespoonful of the powdered material to each gallon of water. If one sprinkling does not result in the proper change in color, make another application in about three weeks.

YOUR garden pool will lose much of its effectiveness if you let it become overcrowded with plants. Leave at least one third of the water's surface exposed. If necessary, cut out some of the oldest lily pads—it will help both the plants and the appearance of the pool.

FOR THE SOUTHWEST

CRINUMS will furnish some of our showiest blooms this month. Give them a little extra attention—keep the soil moist and add some liquid fertilizer. MIX a tablespoon of a balanced commercial fertilizer in a gallon of water and pour around each planting. A liquid fertilizer made of barnyard manure is equally good.

Plan to add some new varieties of crinums this fall. *Crinum scabrum*, *Crinum asiaticum*, *Crinum longifolia alba*, *Crinum Moorei*, *Crinum Powelli alba* and varieties Cecil Houdyshel and Ellen Bosanquet should prove hardy.

JULY is the hard month for gardens in the Southwest. Watch your plants closely and see that they don't get too dry. If you mulched it in June, your garden will take the heat and dry weather much better.

PREPARE beds now for irises that need dividing and also the ones you plan to buy. August is the best month to plant irises in the Southwest, so have the beds ready in advance. These flowers will grow in almost any soil, but they respond best in a soil with enough sand and humus to keep it from packing.

BURY kitchen garbage and all debris from the garden in new flower beds that are being made. To maintain fertility, everything taken from the soil must be returned to it.

SUMMER is a good time to decide where you need more shade in the garden. Partial shade extends the list of plants that will grow in this area of bright sunshine. Drive a stake into the ground where a tree or shrub is needed, make your selection and then plant in November.

PREPARE the bed for pansy seed this month. Make it good and rich with lots of coarse sand and humus. Rotted manure is best, but peat moss and bone meal are good substitutes.

START digging gladioli as soon as the foliage has yellowed. Put them in the shade to dry. After ten days remove and burn foliage, clean corms and dust with 5% DDT. Store

(Continued on page 56)

BEN ARTHUR DAVIS *for the Southeast*

IVA M. JOHNSON *for the Southwest*

SAM CALDWELL *for the Upper South*

THE application of water is one of the most common of all garden operations, and certainly it is one of the most important, yet there are comparatively few gardeners who do the job efficiently. Easy as it may seem, it takes considerable knowledge and experience. The experience has to be gained the hard way, but even the armchair gardener can master the basic principles involved—and an understanding of them will go a long way toward success in the watering operation.

The circulatory system of plants, unlike the human body, does not form an endless chain. It is an open system. The water, which contains minerals and nutrients in solution, is taken up by the roots, passes upward through the stems to the foliage, where the food manufacturing centers are located. The excess moisture is then lost through transpiration—the term used to cover the escape of moisture from the leaves in the form of vapor.

So it is easy to see that food—nutrients of any kind—must be in fluid form before it becomes available to the plant. No amount of fertilizer can be of benefit to the plant unless there is ample moisture to reduce it to a liquid form. An excess of plant food in overly dry soils may even result in injury to the roots of the plant.

The amount of water which plants give off in the process of transpiration is rather amazing. A single large-leaved plant like a sunflower or castor bean will lose from a pint to a quart of water on a dry summer day, while a full-grown oak tree may lose as much as 30,000 gallons during one of our long summer seasons. This water must, of course, be replaced either by artificial application or by rainfall. Otherwise, the plants will suffer.

Heavy-foliaged plants require a lot of water and may wilt if the supply runs a bit short. On the other hand, plants with few leaves, those that have been partially defoliated by disease or by being cut back, and the small-leaved and slow-growing plants should be watered with restraint.

Since no one can tell you precisely when or how much water to apply, it is a good idea to do some experimenting on your own. The best practice is to withhold water

A Garden Worth Planting

until the soil has become somewhat dry, then water heavily. In all cases, apply enough water to reach not only the roots, but well below them. This encourages downward growth of the roots.

Watering too lightly is a common mistake—and it can be a disastrous one. We simply dash a little water into the faces of the plants to revive them and think we have quenched their thirsts. Merely wetting the upper half inch or so of soil causes the roots to turn upward in their search for moisture, and soon the major portion of the feeding roots are right at the surface; sometimes they actually come through the surface, where they are quickly damaged by the summer heat and winds, especially if the sprinkling is discontinued for a few days.

When roots penetrate to a good depth they usually contact moisture even during the very dry periods and little watering is necessary; but if the roots are brought to the surface by constant sprinkling, they dry quickly and suffer severe injury during the hot, dry days.

The other extreme is equally bad. While a certain amount of water is essential, too much of it, like too much food, can easily prove harmful. Air cannot penetrate soils that are soggy; the overwatered plants suffer, and they may actually die if the over-wet condition continues very long. Keep the earth moist, but not soggy. The type of soil has something to do with the frequency of watering. A loose, friable soil dries out much quicker than a clayey soil and requires more frequent application of water.

Except for roses and a few other plants susceptible to the fungous diseases, which develop more rapidly when the foliage is wet, plants do better if watered in the late afternoons. At the end of the day the air is cooler and there will be less evaporation, which enables the plants to receive greater benefit from the water.

Late afternoon sprinkling of the foliage of many shrubs, especially azaleas, camellias and gardenias tends to revive them and makes them much happier, but it must be definitely understood that this sprinkling of the foliage does not take the place of water at the roots.

Watering specimen plants is made much easier and more effective by building little levees of soil about two inches high around the plants. This forms a small basin around the roots of the plants. Let the hose run until the basin is filled, then move it to another plant. A second filling may be needed, however, to get the water down deep enough.

Young shrubs and trees which have not had time to become well established are easily injured by lack of moisture and should be carefully watched to see that they get all the water they need. All shallow-rooted shrubs like azaleas and camellias require more frequent watering than deep-rooted ones.

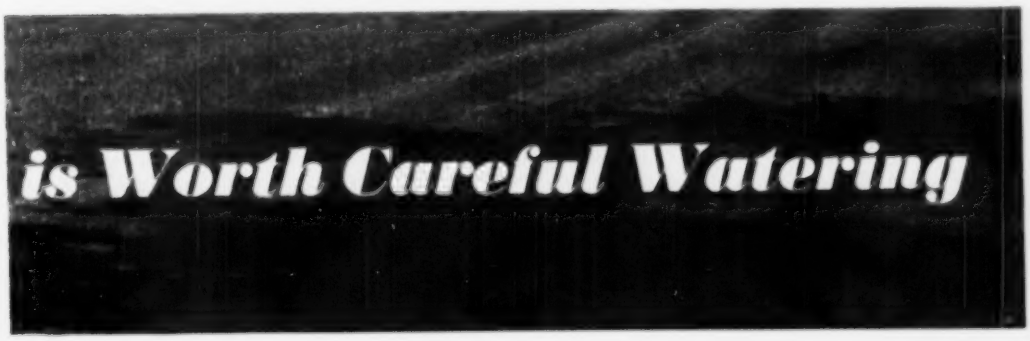
In watering with the hose, it is always better to remove the nozzle to permit a full flow of water, thus reducing the force. To reduce the force of the stream still further, place a piece of board, or preferably a piece of folded burlap, under the end of the hose. This prevents injury to small plants and distributes the flow of water more evenly.

There are a number of very efficient watering devices available at the seed and supply stores. One very popular type is a perforated plastic enlargement which is attached to the hose after the nozzle has been removed. The soil soakers, in the form of long, narrow canvas bags to which the hose is attached, are fine for watering the lawn and flower beds. The water soaks out very slowly. If you want to, you can leave the soakers on overnight with little loss of water.

Another device, quite effective for watering shrubs and young trees, is the subsoil irrigator, which consists of a long, sharp-pointed, narrow steel rod with holes near the tip and with a grip handle, hose connection and shut-off valve. You attach it to the hose and thrust it into the soil near the roots of the plant. When the valve is opened the water is released right at the feeding roots, and that, of course, is where it is most needed.

There are also a number of new sprinkling devices on the market, as well as the permanently installed sprinkling systems. They are very effective for watering the lawn, flower beds and other large areas where uniform wetness is required. The important thing to remember in using any sprinkler is to let it run long enough to wet the soil thoroughly. If you are using a portable sprinkler, leave it in one place until that area is thoroughly wet, which may require 30 minutes or longer, depending on the type of soil and water pressure.

If you have only a limited amount of time to devote to the job of sprinkling the lawn, it is far better to water a small portion, say, one-sixth of the yard, each day, and water this portion thoroughly, than to give the entire lawn a light sprinkling. In this way, you will cover the whole lawn in six days without wasting any time or endangering the plantings by insufficient watering.



For Southern Gardeners

FOURTEEN pamphlets of expert advice in answer to your questions about the when's, why's and how-to's of Southern gardening—all written by our own Ben Arthur Davis, whose articles and "Rambles" you've been following in HOLLAND'S each month. You'll find these booklets a wonderful help in planting and maintaining your lawn and garden and in preparing your garden club programs. Each of the following is available at 10 cents a copy:

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- ☐ Insects and Diseases of the Flower Garden
- ☐ Lawns and their Maintenance
- ☐ Irises and How to Grow Them
- ☐ Bulbs and How to Grow Them

Address order to Garden Editor

Holland's

DALLAS 2, TEXAS

Garden Rambles

with Ben Arthur Davis

IT SEEMS that the azalea lovers' prayers are at last being answered in abundance. For years we have longed for good pinks and reds with the stamina of Formosa, and now we have them. First, Southern Charm, a bright red, was announced; then Judge Solomon, a deep pink; and now news comes that Dr. B. H. Singletary of Singletary pea fame, who is head of the Horticultural Department of Louisiana State University, has found a dark pink Formosa. All three are bud sports of the celebrated Formosa, the widest-grown and the sturdiest of all the Indicas.

AL ALLEMAN of Baton Rouge suggests that Lafayette, Louisiana, by staging three big shows this season, has well-nigh earned the title of the flower-show center of the South. First came the great show of the American Camellia Society, then the state show of the Louisiana Federation of Garden Clubs, and last, the state show of the Louisiana Iris Society. While it takes a whole team of well-trained workers to put on one of these really big shows, it seems that Dr. Ira Nelson of Southwestern Louisiana Institute was the moving spirit in all these splendid exhibitions.

THE list of new shrubs issued by the American Association of Nurserymen shows that 30 new Japanese quinces have been registered since registration was set up about two years ago. Most of these quinces are ideal plants for the South and the new colors are exquisite. You'll be wise to consider them when you are preparing your planting schedule for next fall and winter.

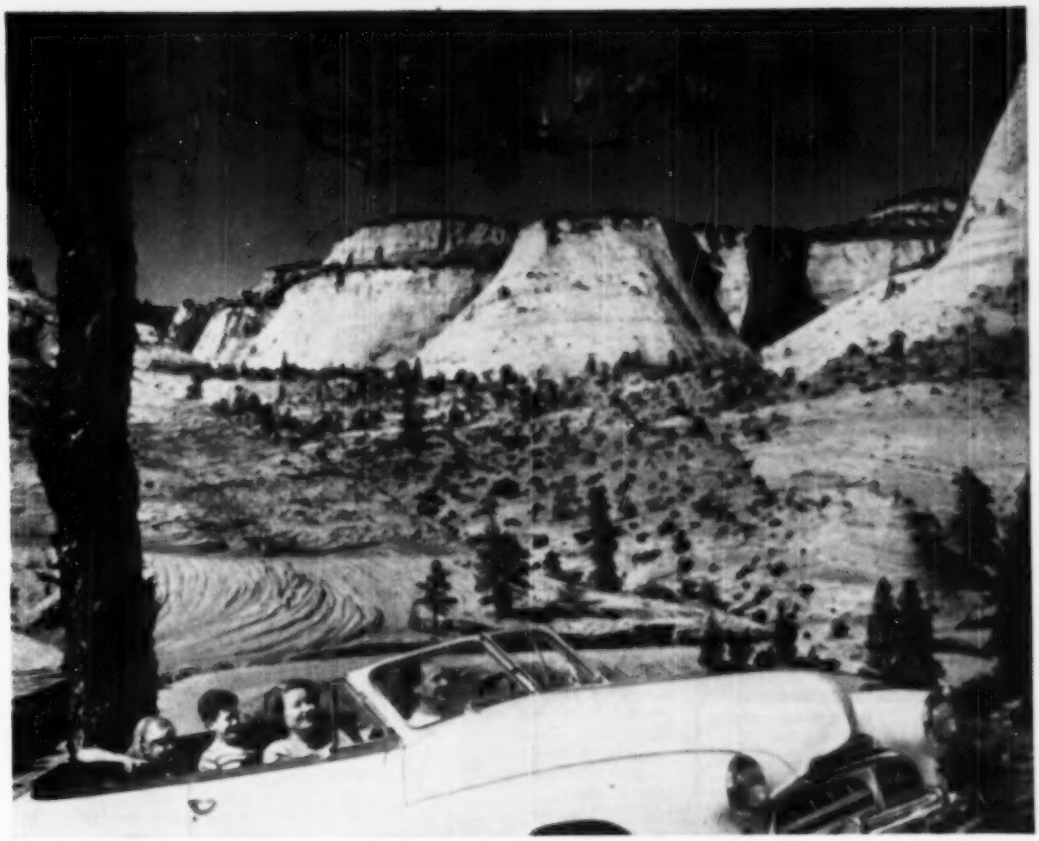
THE U. S. Department of Agriculture is experimenting with a new type of insecticide that seems very promising. The poison, which is fed to the plants, is taken up by the sap and in turn poisons the insects when they attack bark and foliage. Let's hope it works.

NEWS has reached us that Dr. H. R. Rosen of the University of Arkansas is nursing a new red climbing rose to be named Stephen Foster. Dr. Rosen is quite an authority on roses, and when he turns one loose and calls it good, there should be no doubt about its adaptability to the South.

ORCHIDS are currently attracting quite a bit of attention—more than ever before. Amateur growers are found all over the country and their number is rapidly increasing. The International Orchid Show held recently at Miami, said to be the largest of its kind in the entire world, was an inspiration to all lovers of this exotic flower. Local orchid societies are being formed throughout the South and many outstanding successes in culture are being achieved.

THE South should be proud of the honor which came to Dr. H. H. Hume, dean of the College of Agriculture of the University of Florida, and President Emeritus of the American Camellia Society, when he was placed on the program of the Royal Horticultural Society (London) to discuss camellias. If any man in America knows camellias, it is Dr. Hume.

ONE of the big wholesale ornamental nursery companies of the East is moving down to Columbus, Mississippi. The community recently floated a $100,000 bond issue to finance the transfer of the plant, which will do an estimated annual business of around $8,000,000. Proof, indeed, that the South is definitely becoming an important flower center.



The Armstrongs see the country...

Like he always promised, Dad has bundled the family into the car to show them this great big country. There's lots to see—and they've seen lots. Historic places, mountains, deserts—new things—strange things—and wonderful! Seems like they're full up to here from looking.

Not everything is strange, though. Stores all the way across the country carry the products the Armstrongs know and recognize. And how do they recognize them? By brand name—the name the manufacturer gives a product so that people can tell it from any other.

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(Continued from page 51)

in mesh bags or old silk stockings and hang in the garage until the corms are ready to be put back into the ground in November. If you prefer not to plant in the fall, store the corms in a frost-proof place instead of leaving them in the garage, where they may freeze.

THIS is the last month to plant *Amaryllis advena*, *Lycoris radiata*, *Lycoris squamigera* and some of the Habranthus for September blooming. Don't be disappointed if *Lycoris squamigera* (Hall's Hardy Amaryllis) doesn't bloom the first year. It usually sulks for a year after transplanting but is very colorful and well worth growing.

FOR THE UPPER SOUTH

THERE'S no need to worry much about mosquito larvae developing in your lily pool if you have goldfish in it. But to be absolutely safe, put in a few Gambusias—the little livebearing top-minnows of some of our Southern streams. Pet shops handling tropical fish can usually supply Gambusias. Seldom over two inches long, they're prolific, active little fellows and are voracious eaters of water insects.

DON'T give up too soon if a shade or flowering tree you planted in the spring seems to be dead. There may be enough life left in the roots to send up a new shoot. Train it alongside the old trunk until it is sturdy enough to stand alone; then saw off the dead piece at the ground. Better confine this practice to own-root stock, such as redbuds, dogwoods and the usual shade trees. Fruit trees and named varieties of flowering crabs, cherries and the like are propagated largely by buds or grafts worked on a strong-rooting understock. A sprout from the roots would not be true to the varietal name.

BEARDED ("German") irises are in a period of relative dormancy now. It's a good time to plant new ones or to dig, divide and replant old clumps. Untangle the overgrown rhizomes and cut them apart into divisions of one or two "fans." Clip leaves back to six or eight inches. Reset with the anchor roots extending down naturally into rich, mellow soil and the thickened rhizomes just barely covered. Don't cut the foliage off established irises unless it is diseased.

THE goldfish in your pool will become quite tame and eat from your hand if you make it a practice to feed them at about the same time and place every morning. They like regular packaged fish food but also enjoy such varied fare as crumbled puppy biscuit, rolled oats, other cooked breakfast cereals and an occasional treat of scrambled eggs (first rinsed in warm water to remove the grease). Feed only as much as they will clean up in a few minutes.

LOOK now in the sunny fields for brilliantly colored Butterfly Weed, *Asclepias tuberosa*. One of our showiest summer wildings, it's a splendid, permanent subject in the perennial border. Fall or early spring would be a better time to move it, but to most of us "out of bloom" means "out of sight"—and you can successfully lift the plant in full bloom if you dig deeply to get the long, tuberous roots. Water and shade (for a week or more) the plants brought into your garden. And remember to get the landowner's permission before digging any wild flower.

NOW is the time to plant bulb flowers that bloom in the fall—red spider lilies, golden crocus-like sternbergias, colchicums and true autumn-flowering crocus species. Also, if you can find a dealer handling them, plant the intriguing little hardy cyclamens that give white, pink or rose-lavender flowers followed by mats of variegated, heart-shaped leaves that persist all winter.

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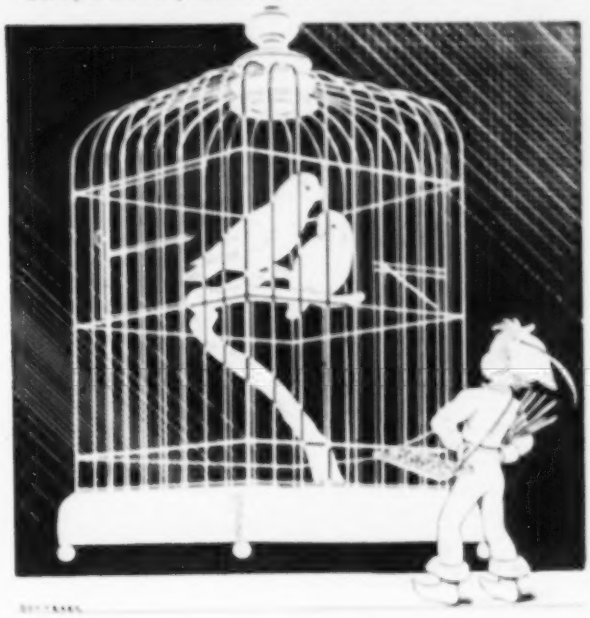
Mogador 6 in. White—Yellow
Mongol 8 in. Blue—Red purple
Orange Queen 7 in. Lemon yellow
Pallas 4 in. Sky blue
Pixie 6 in. Yellow and ivory
Rose Mist 8 in. Mauve
Sapphire Night 10 in. Pansy violet
Snow Maiden 8 in. White
Socrates 9 in. Dark red
Sound Money 10 in. Rich yellow
Yellow Frills 10 in. Fine gold
Zoe 10 in. Crinkled white

JOHN H. MARBLE Box 387-A GRANDVIEW • WASHINGTON

"Don't you know any birds except each other?" Peter Painter asked.



The Adventures of PETER PAINTER

By FRANK MARTIN WEBBER

Illustration by Lloyd J. Dotterer

The Painted Love-Birds

PETER PAINTER sat on the sill of an open window in a nice house, and swung his feet and kicked his heels. It was a fine summer day with blue skies and a warm sun.

"I wish I had something to do," he said to himself. "I would like to have some fun."

Just then he heard honey-sweet words coming from behind him and above his head.

"Kiss me, kiss me. Coo-coo. I love you. I love you."

"Heavens to Betsy!" Peter Painter exclaimed. "Whoever is making so much love talk?"

He twisted around on the window sill. He looked up. There, hanging just inside the window, was a beautiful brass bird cage. In the sunshine it shone like gold.

Peter Painter stood up. He lifted himself to his tiptoes. He looked into the beautiful brass bird cage.

On the perch were two small birds. Their backs and tails and wings were green as a leaf of lettuce. Their heads were yellow as lemon peel. They had hooked beaks like parrots, and the feathers around their eyes were pink as strawberry ice cream.

"They are pretty to look at," Peter Painter said to himself, "but they're too lovey-dovey to make good sense."

The two small green birds slid their claws along the cage perch, moving back and forth, back and forth. They rubbed noses. They kissed and cooed, cooed and kissed.

"What makes you do like that?" Peter Painter asked.

"We love each other so much." They cooed and kissed, kissed and cooed.

"For goodness sake!" Peter Painter exclaimed. "What makes you kiss so much?"

"We are Love-Birds." They nuzzled each other's necks and rubbed each other's cheeks.

"Is bill and coo all you do?" Peter Painter gasped. "Don't you ever jump around and have fun?"

"What is fun?" they asked.

"Oh, gee whizz and gracious me!" Peter Painter cried. "Fun is playing and playing is fun. One is supposed to meet and mix, know and like, make friends and be friends. Don't you know any birds except each other?"

"No."

"Have you ever been outside your cage?"

"No."

"Well, you can't make friends and have fun if you never go outside your own house," Peter Painter explained. "What would you do if I opened the door to your cage and let you out?"

"We don't know," they answered. "We have never been out."

"I am going to let you out," Peter Painter declared. "You will see birds flying, and hear them singing. You will have fun when you meet and mix, know and like. You will make friends and have fun."

"Sometimes," said one Love-Bird, "other birds fly near the window and look in at us."

"And when they see us bill and coo and kiss," said

(Continued on next page)

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For the Small Fry

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Address:

Peter Painter, Holland's

Dallas 2, Texas

The Painted Love-Birds

(Continued from page 57)

the other Love-Bird, "they call us silly, and laugh at us."

Peter Painter did not want the Love-Birds called silly and laughed at by the other birds when he opened the door to their cage and let them out. He wanted them to have a good time and make friends.

He looked at the paints in the pots on his paint-pot tray, which swung from his shoulders by a stout leather shoestring. He opened the door to the Love-Birds' cage.

"One of you hop out here on the edge of my paint-pot tray," he said.

The Love-Birds began to bill and coo. They hugged each other with their wings. They were saying good-bye as if they were each going away to stay for years and years.

"Come on!" laughed Peter Painter. "You aren't saying good-bye for more than two minutes, you know."

One Love-Bird hopped to the edge of Peter Painter's paint-pot tray. Peter Painter painted it brown like a robin. The other Love-Bird hopped to the opposite edge of the paint-pot tray. Peter Painter painted it gray like a dove.

"Now fly away!" he cried. "Go places! Have some fun!"

The two painted Love-Birds flew so close together that they looked almost like one bird. Other birds saw them, and came flying near. The other birds flew under and over, and finally between the two Love-Birds. After that it was a game.

The Love-Birds flew with the other birds, playing the game. High over chimneys they swept. Low under telegraph wires they swooped. They climbed through the air till they were high as the sky. Then they spread their wings and floated in the wind.

Peter Painter watched from the ground, his head tilted back on his neck, his eyes squinted to narrow slits, his mouth stretched into a wide grin. "I can't tell one from the other," he said to himself. "The painted Love-Birds look like all the other birds. But when they get tired, they will come back to their cage."

Now the birds were flying in a long line, like a dark, waving ribbon across the bright blue of the sky.

The line of flying birds that looked like a waving ribbon suddenly broke into little pieces. Each little piece was a bird going its own way.

Two birds flew straight toward Peter Painter. They fanned the feather in his cap with their wings. They flew through the open window into the beautiful brass cage. They fastened their small claws on the small perch. But they did not kiss. They did not bill and coo.

"Well," asked Peter Painter as he stuck his face close to the cage, "how did you like doing something besides making love all day?"

"We liked it fine!" One Love-Bird was rubbing the paint off his back on the bar of the little swing that hung from the top of the cage.

"We want to have fun like that every day!" The other Love-Bird was brushing the paint off his wings against the bars of the cage.

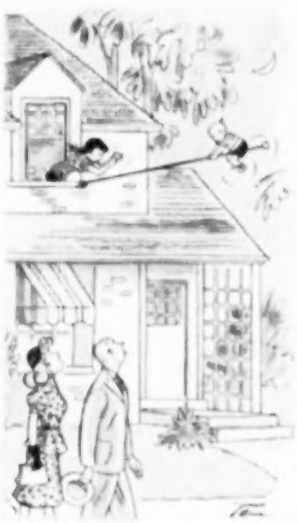
"All right," promised Peter Painter. "I will drop by and open the door to your cage every day." Then he closed one eye in a sly wink. "Are you going to bill and coo?"

The Love-Birds twittered, which is the way birds laugh. "Too much kissing is silly," they said. "We will kiss each other good-night, but we will not bill and coo."

As Peter Painter went away, the two Love-Birds were having fun in their cage. One was swinging hard in the little swing. The other was hopping on one foot along the small perch. They were cheeping and chirping at a great rate, which is like giggling and chuckling for birds.

"To play and have fun," Peter Painter said to himself, "is better than kissing and billing and cooing all the time." Then he added as he hopped over the fence, "It's good to mix and make friends."

MILTON *By Thelma Masten*



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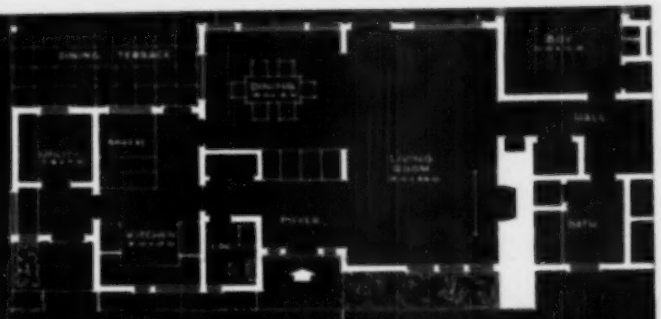

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